

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058781.D
 Acq On : 18 Aug 2023 18:10
 Operator : MA/JU
 Sample : PB154929BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154929BS

Quant Time: Aug 21 02:13:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	20038	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	86964	20.000	ng	0.00
39) Acenaphthene-d10	14.454	164	63979	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	161305	20.000	ng	0.00
76) Chrysene-d12	21.452	240	144948	20.000	ng	0.00
86) Perylene-d12	24.525	264	178405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	218181	175.222	ng	0.00
7) Phenol-d6	6.986	99	293812	168.182	ng	0.00
23) Nitrobenzene-d5	8.978	82	181432	100.304	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	152571	152.088	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	413753	94.060	ng	0.00
79) Terphenyl-d14	19.824	244	819899	101.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	24668	42.138	ng	96
3) Pyridine	3.661	79	62582	40.454	ng	97
4) n-Nitrosodimethylamine	3.579	42	44978	53.480	ng	90
6) Aniline	7.139	93	91851	43.010	ng	97
8) 2-Chlorophenol	7.374	128	79995	63.538	ng	96
9) Benzaldehyde	6.951	77	34724	35.435	ng	96
10) Phenol	7.010	94	106734	63.359	ng	98
11) bis(2-Chloroethyl)ether	7.233	93	73838	56.174	ng	96
12) 1,3-Dichlorobenzene	7.697	146	77114	57.663	ng	97
13) 1,4-Dichlorobenzene	7.844	146	80206	59.310	ng	97
14) 1,2-Dichlorobenzene	8.162	146	76743	58.715	ng	98
15) Benzyl Alcohol	8.050	79	77704	62.210	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.338	45	153198	54.688	ng	99
17) 2-Methylphenol	8.261	107	72121	58.290	ng	95
18) Hexachloroethane	8.884	117	29187	59.237	ng	97
19) n-Nitroso-di-n-propyla...	8.614	70	63200	55.965	ng	99
20) 3+4-Methylphenols	8.590	107	98788	59.388	ng	98
22) Acetophenone	8.637	105	123638	52.521	ng	# 98
24) Nitrobenzene	9.019	77	93025	51.708	ng	99
25) Isophorone	9.536	82	182543	50.747	ng	99
26) 2-Nitrophenol	9.730	139	42793	56.874	ng	95
27) 2,4-Dimethylphenol	9.789	122	69635	54.608	ng	97
28) bis(2-Chloroethoxy)met...	10.018	93	99988	52.476	ng	100
29) 2,4-Dichlorophenol	10.265	162	77104	58.842	ng	97
30) 1,2,4-Trichlorobenzene	10.476	180	83911	53.030	ng	97
31) Naphthalene	10.659	128	236895	51.881	ng	99
32) Benzoic acid	9.959	122	40850	51.761	ng	97
33) 4-Chloroaniline	10.782	127	67832	35.224	ng	97
34) Hexachlorobutadiene	10.941	225	56169	52.596	ng	96
35) Caprolactam	11.563	113	17466	37.198	ng	97
36) 4-Chloro-3-methylphenol	11.910	107	92693	56.883	ng	98
37) 2-Methylnaphthalene	12.274	142	161586	49.271	ng	100
38) 1-Methylnaphthalene	12.492	142	157079	50.457	ng	100
40) 1,2,4,5-Tetrachloroben...	12.644	216	98166	49.770	ng	99
41) Hexachlorocyclopentadiene	12.621	237	89975	112.003	ng	99
43) 2,4,6-Trichlorophenol	12.891	196	69454	55.340	ng	96

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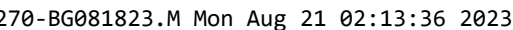
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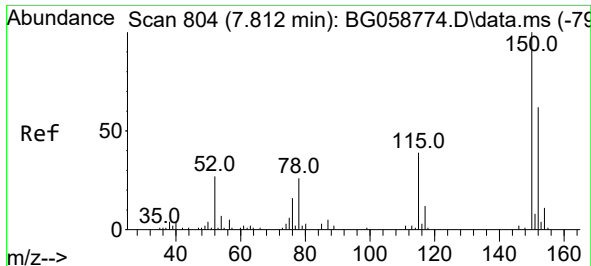
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	75932	50.524	ng	95
46) 1,1'-Biphenyl	13.291	154	219223	49.740	ng	99
47) 2-Chloronaphthalene	13.332	162	176178	51.294	ng	99
48) 2-Nitroaniline	13.543	65	69650	53.393	ng	98
49) Acenaphthylene	14.184	152	295336	51.851	ng	97
50) Dimethylphthalate	13.919	163	250888	50.646	ng	100
51) 2,6-Dinitrotoluene	14.043	165	55599	53.424	ng	98
52) Acenaphthene	14.525	154	164972	49.563	ng	99
53) 3-Nitroaniline	14.372	138	39354	39.207	ng #	96
54) 2,4-Dinitrophenol	14.589	184	62628	105.289	ng	97
55) Dibenzofuran	14.860	168	286881	49.965	ng	97
56) 4-Nitrophenol	14.695	139	77048	104.650	ng	97
57) 2,4-Dinitrotoluene	14.836	165	80055	55.151	ng #	96
58) Fluorene	15.506	166	232045	50.782	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.089	232	70380	57.387	ng	96
60) Diethylphthalate	15.277	149	261453	51.190	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	128832	50.867	ng	97
62) 4-Nitroaniline	15.541	138	56987	55.944	ng	97
63) Azobenzene	15.794	77	239495	51.067	ng	98
65) 4,6-Dinitro-2-methylph...	15.600	198	46877	51.413	ng	94
66) n-Nitrosodiphenylamine	15.717	169	211139	50.786	ng	98
67) 4-Bromophenyl-phenylether	16.393	248	88532	50.016	ng	95
68) Hexachlorobenzene	16.511	284	100575	52.793	ng	98
69) Atrazine	16.669	200	91035	61.873	ng	99
70) Pentachlorophenol	16.863	266	94808	94.907	ng	96
71) Phenanthrene	17.245	178	399169	51.547	ng	99
72) Anthracene	17.339	178	404361	52.064	ng	99
73) Carbazole	17.615	167	379164	53.312	ng	99
74) Di-n-butylphthalate	18.162	149	473543	52.780	ng	99
75) Fluoranthene	19.266	202	501155	52.187	ng	99
77) Benzidine	19.448	184	224436	86.397	ng	100
78) Pyrene	19.625	202	511392	50.635	ng	99
80) Butylbenzylphthalate	20.512	149	212914	51.981	ng	99
81) Benzo(a)anthracene	21.434	228	522546	51.790	ng	98
82) 3,3'-Dichlorobenzidine	21.352	252	147854	42.445	ng	100
83) Chrysene	21.493	228	483458	49.711	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	308553	51.361	ng	99
85) Di-n-octyl phthalate	22.480	149	538296	52.096	ng	99
87) Indeno(1,2,3-cd)pyrene	28.026	276	649338	53.796	ng #	93
88) Benzo(b)fluoranthene	23.549	252	540972	54.650	ng	99
89) Benzo(k)fluoranthene	23.614	252	534215	52.330	ng	99
90) Benzo(a)pyrene	24.384	252	486689	49.933	ng	99
91) Dibenzo(a,h)anthracene	28.079	278	541213	54.567	ng	99
92) Benzo(g,h,i)perylene	29.125	276	526033	53.046	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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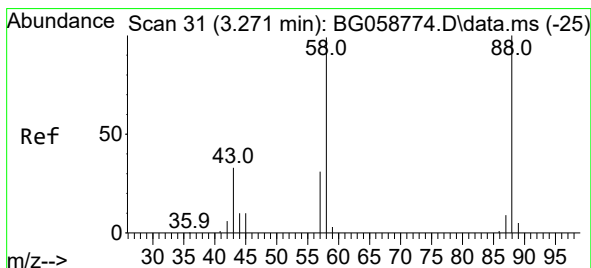
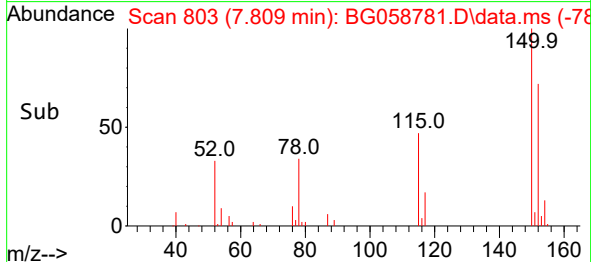
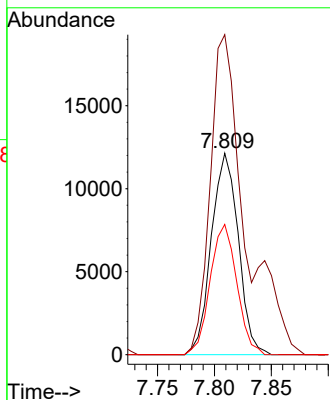
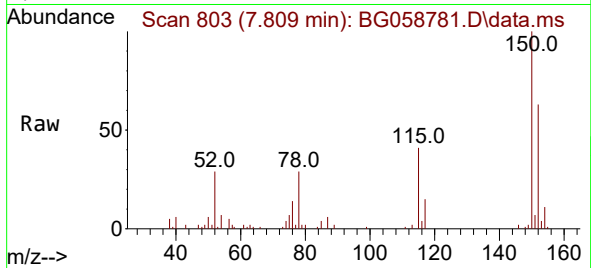




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

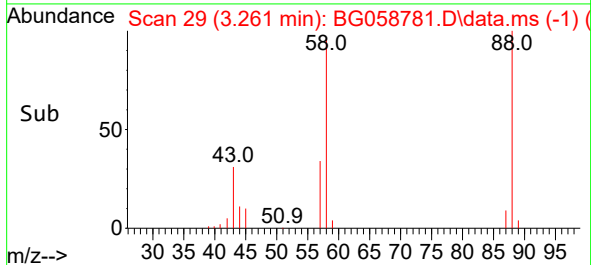
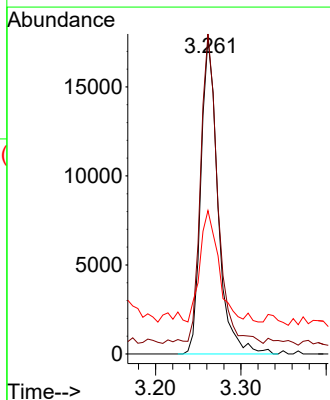
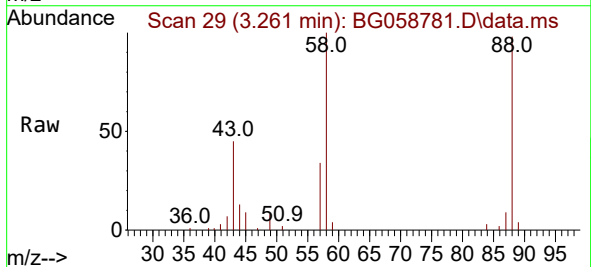
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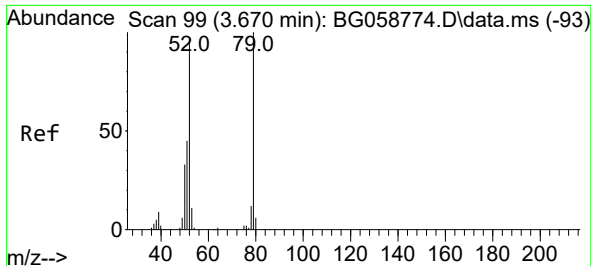
Tgt Ion:152 Resp: 20038
Ion Ratio Lower Upper
152 100
150 158.8 128.6 192.8
115 64.7 50.4 75.6



#2
1,4-Dioxane
Concen: 42.138 ng
RT: 3.261 min Scan# 29
Delta R.T. -0.009 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion: 88 Resp: 24668
Ion Ratio Lower Upper
88 100
58 99.2 82.8 124.2
43 40.5 30.1 45.1





#3

Pyridine

Concen: 40.454 ng

RT: 3.661 min Scan# 91

Delta R.T. -0.009 min

Lab File: BG058781.D

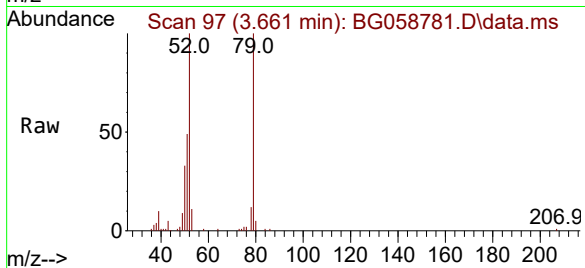
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Instrument :

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ClientSampleId :

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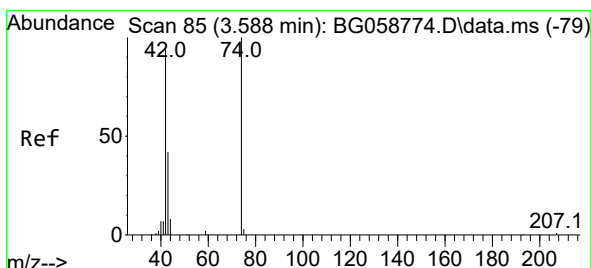
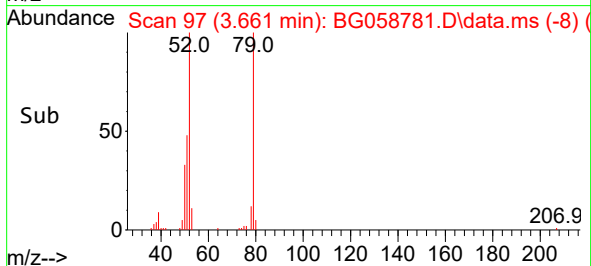
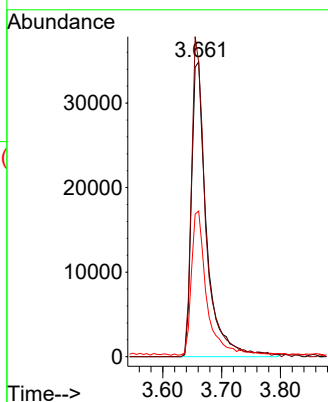
Tgt Ion: 79 Resp: 62582

Ion Ratio Lower Upper

79 100

52 99.8 77.6 116.4

51 49.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 53.480 ng

RT: 3.579 min Scan# 83

Delta R.T. -0.009 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

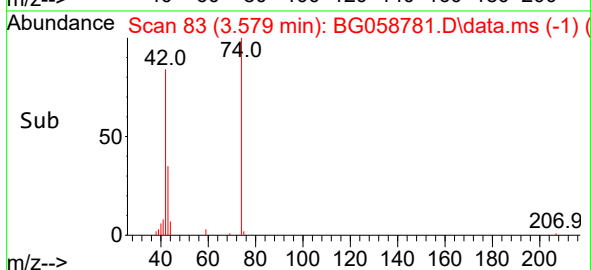
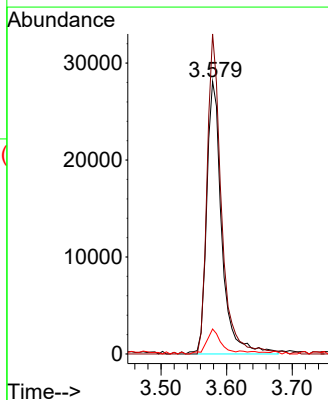
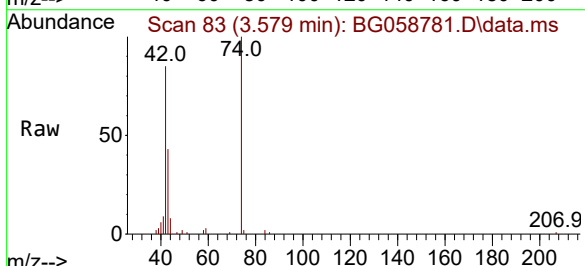
Tgt Ion: 42 Resp: 44978

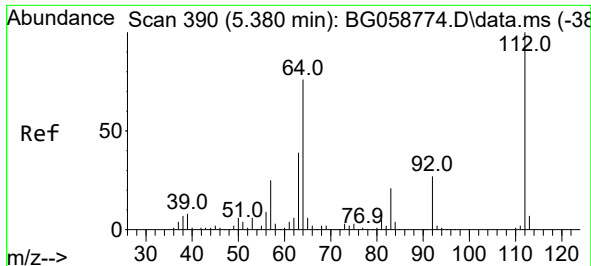
Ion Ratio Lower Upper

42 100

74 117.4 85.1 127.7

44 9.1 6.9 10.3

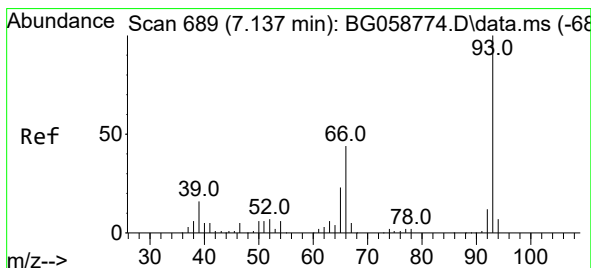
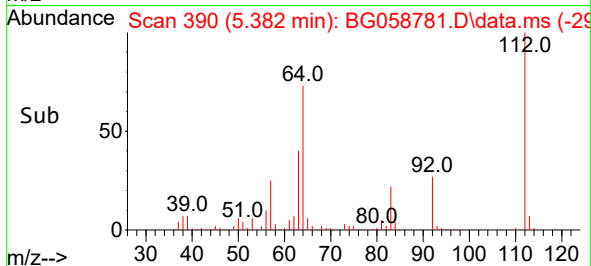
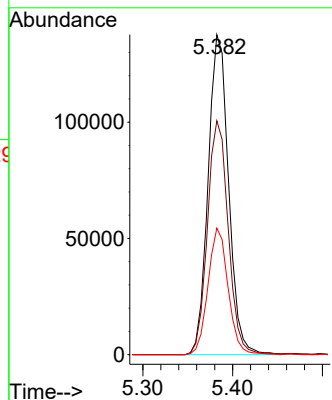
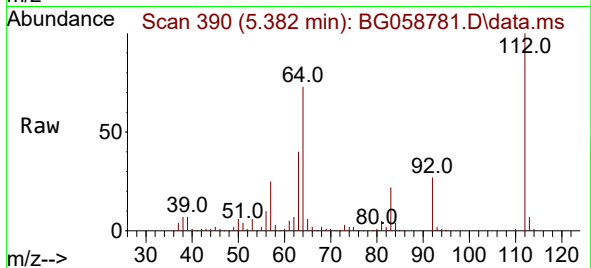




#5
2-Fluorophenol
Concen: 175.222 ng
RT: 5.382 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

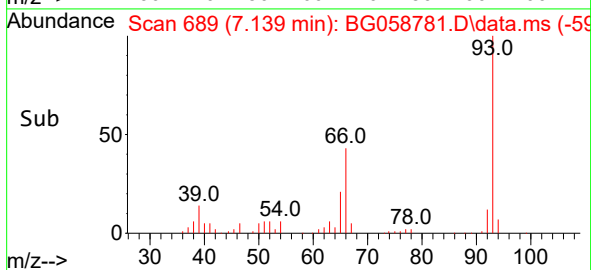
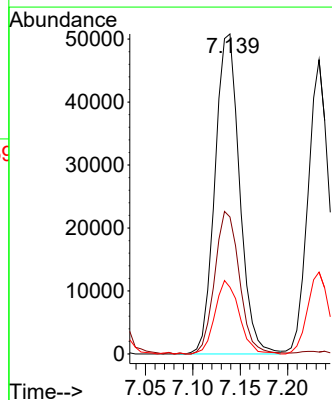
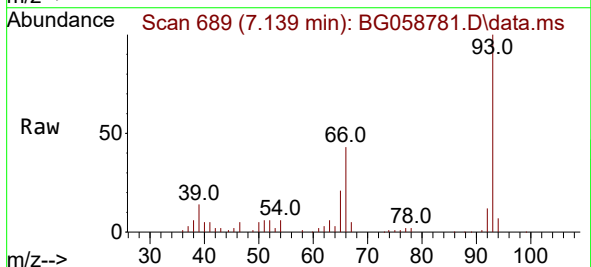
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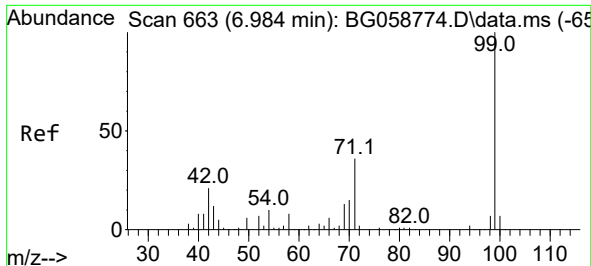
Tgt Ion:112 Resp: 218181
Ion Ratio Lower Upper
112 100
64 73.1 60.6 90.8
63 39.5 31.0 46.4



#6
Aniline
Concen: 43.010 ng
RT: 7.139 min Scan# 689
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion: 93 Resp: 91851
Ion Ratio Lower Upper
93 100
66 42.8 35.7 53.5
65 20.8 18.2 27.2

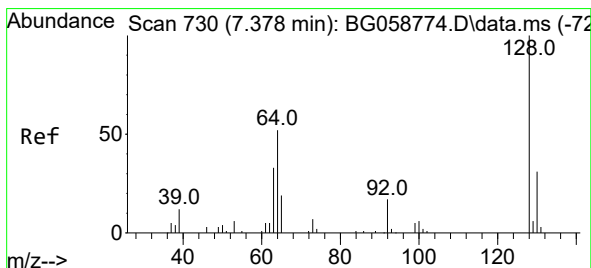
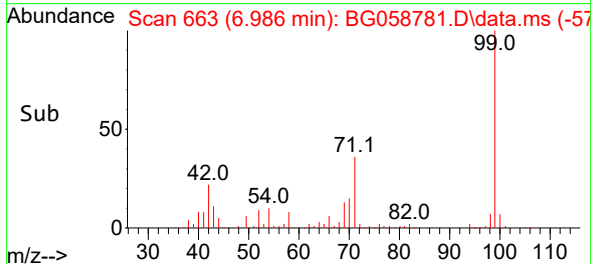
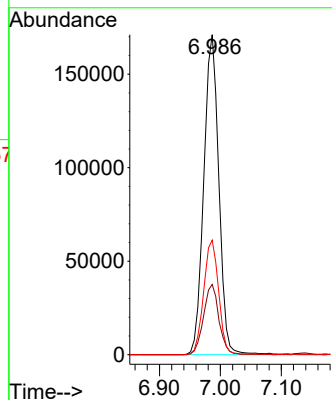
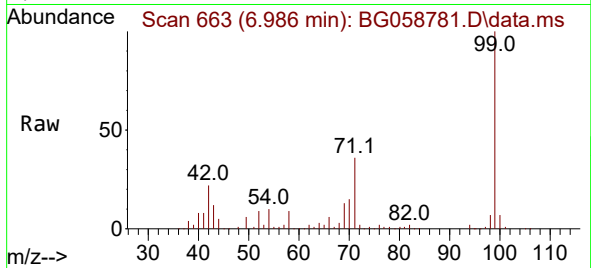




#7
Phenol-d6
Concen: 168.182 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

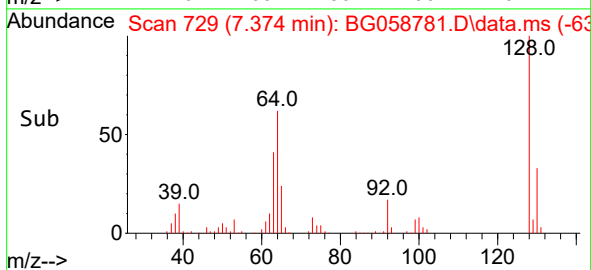
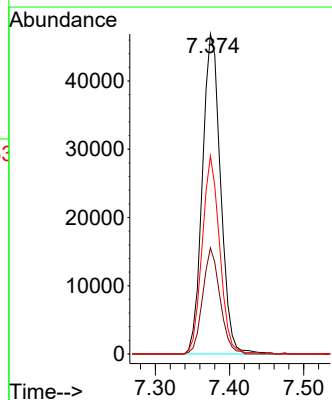
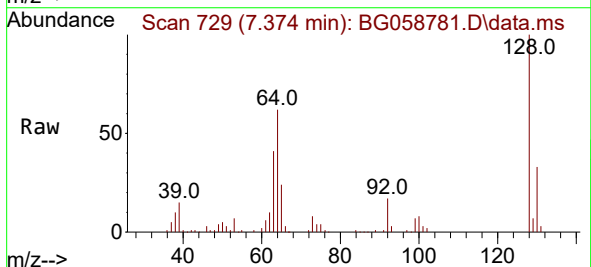
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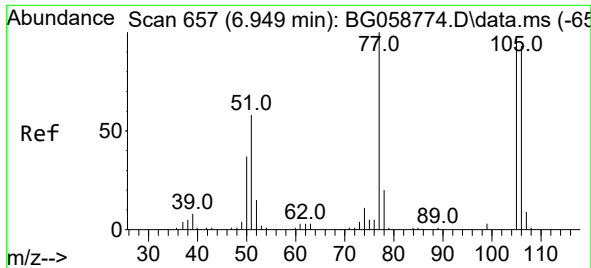
Tgt Ion: 99 Resp: 293812
Ion Ratio Lower Upper
99 100
42 21.9 16.5 24.7
71 35.8 28.4 42.6



#8
2-Chlorophenol
Concen: 63.538 ng
RT: 7.374 min Scan# 729
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion: 128 Resp: 79995
Ion Ratio Lower Upper
128 100
130 33.2 10.9 50.9
64 61.9 38.4 78.4

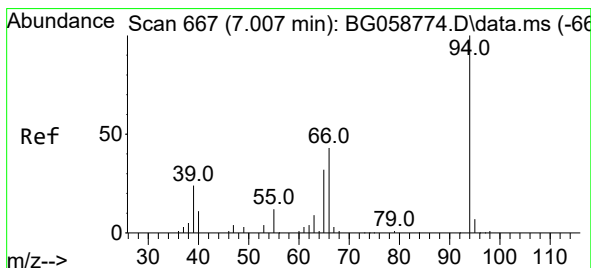
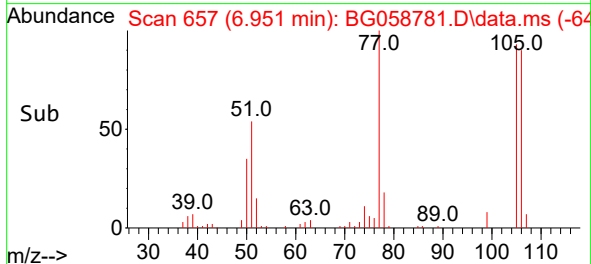
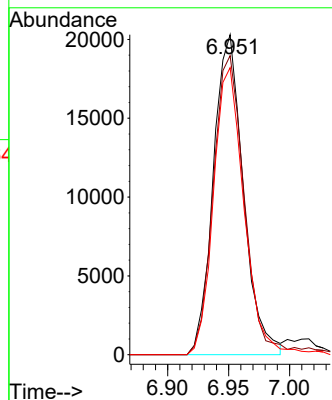
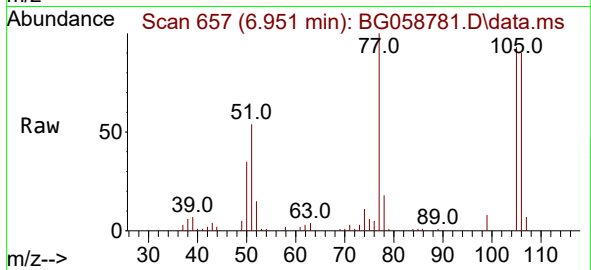




#9
Benzaldehyde
Concen: 35.435 ng
RT: 6.951 min Scan# 657
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

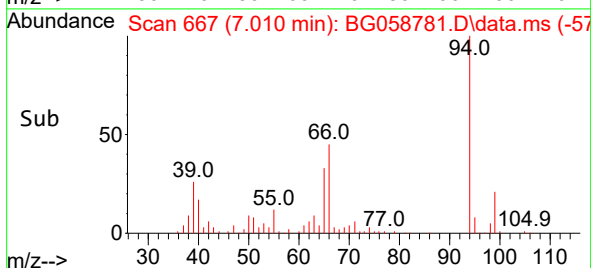
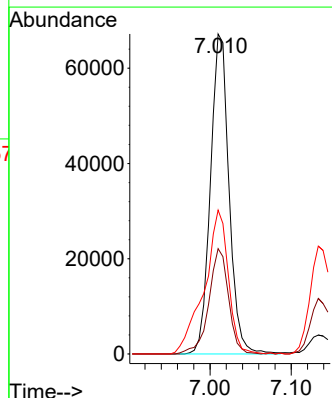
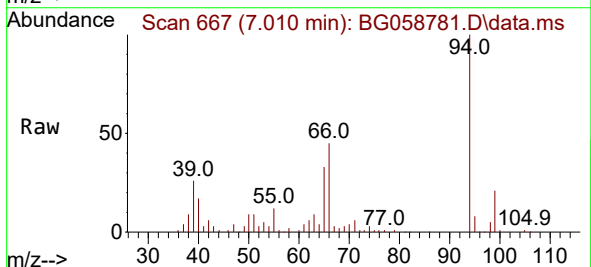
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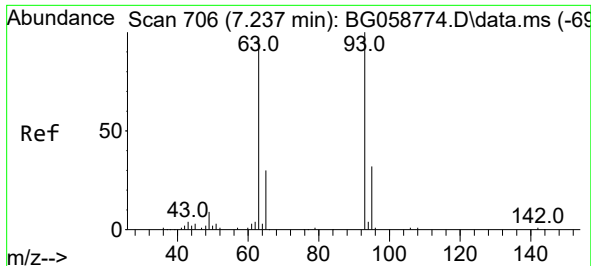
Tgt Ion: 77 Resp: 34724
Ion Ratio Lower Upper
77 100
105 93.5 76.7 116.7
106 89.7 73.4 113.4



#10
Phenol
Concen: 63.359 ng
RT: 7.010 min Scan# 667
Delta R.T. 0.002 min
Lab File: BG058781.D
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Tgt Ion: 94 Resp: 106734
Ion Ratio Lower Upper
94 100
65 32.9 12.6 52.6
66 45.0 26.6 66.6

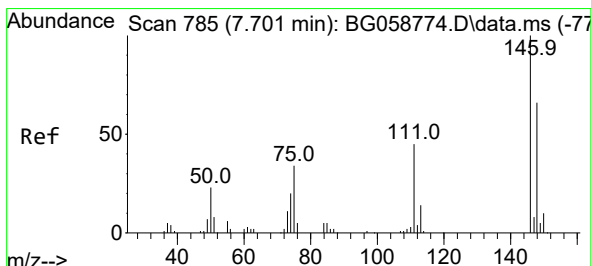
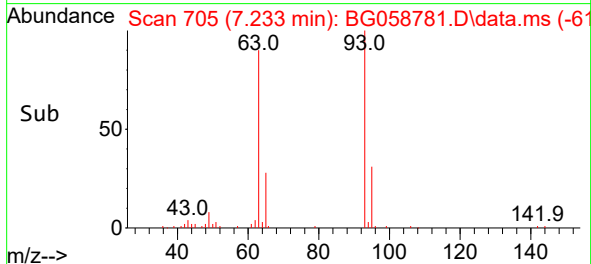
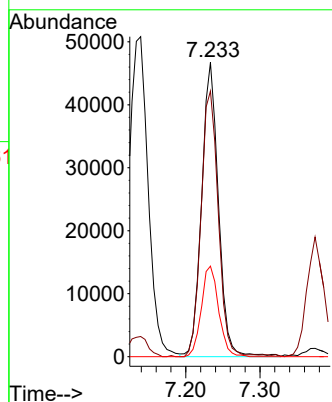
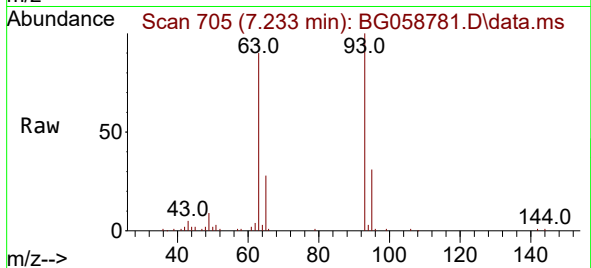




#11
bis(2-Chloroethyl)ether
Concen: 56.174 ng
RT: 7.233 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

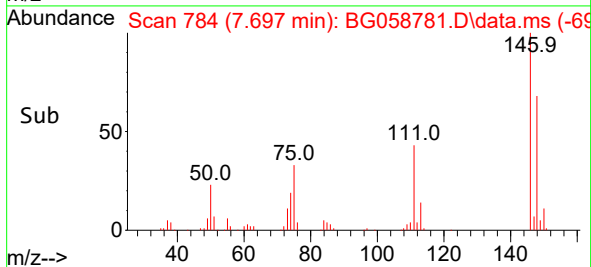
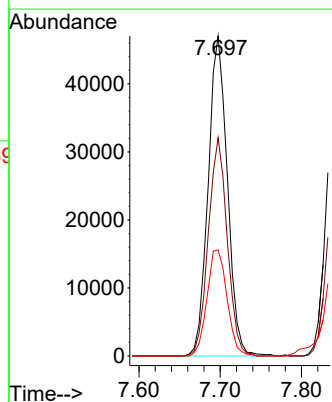
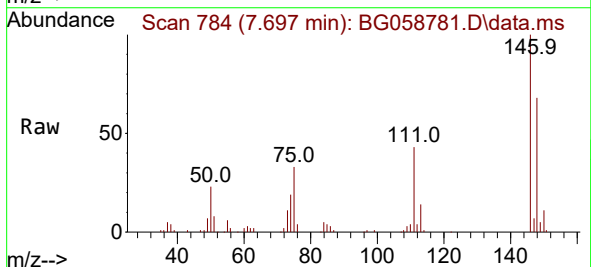
Instrument :
BNA_G
ClientSampleId :
PB154929BS

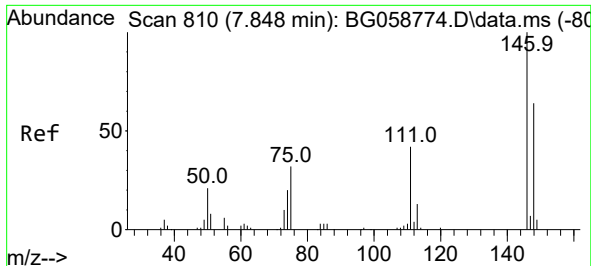
Tgt Ion: 93 Resp: 73838
Ion Ratio Lower Upper
93 100
63 90.3 74.8 114.8
95 30.8 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 57.663 ng
RT: 7.697 min Scan# 784
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion: 146 Resp: 77114
Ion Ratio Lower Upper
146 100
148 68.2 52.4 78.6
75 33.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 59.310 ng

RT: 7.844 min Scan# 809

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

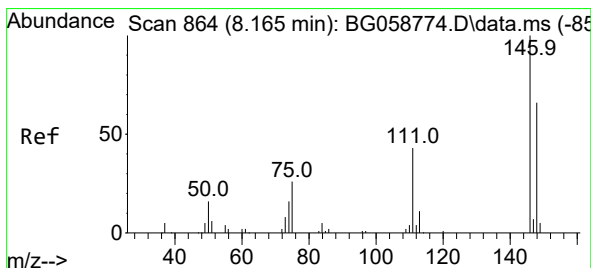
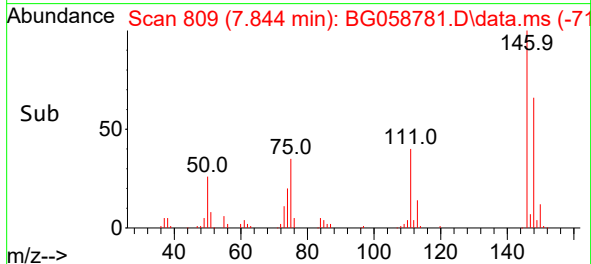
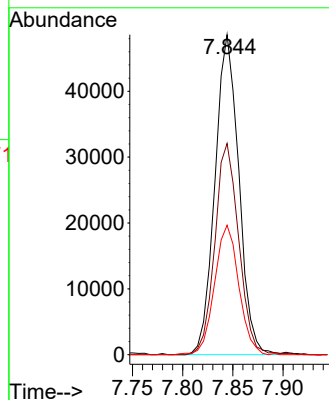
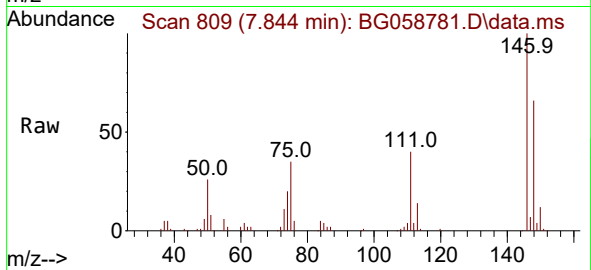
Tgt Ion:146 Resp: 80206

Ion Ratio Lower Upper

146 100

148 66.0 51.3 76.9

111 40.5 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 58.715 ng

RT: 8.162 min Scan# 863

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

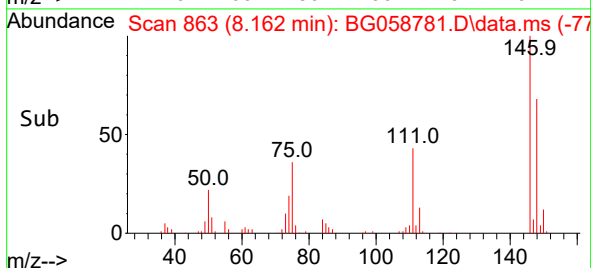
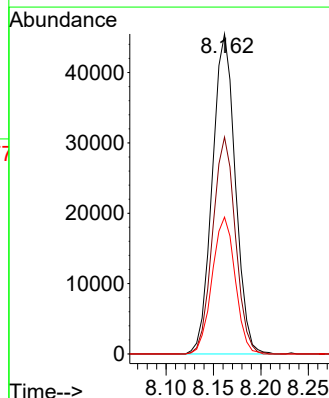
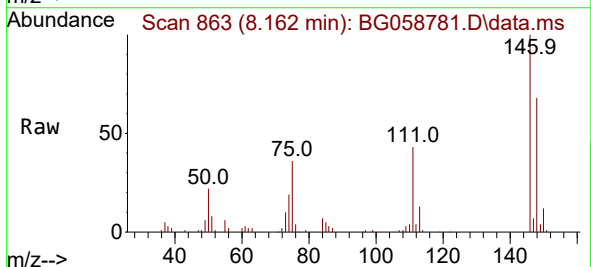
Tgt Ion:146 Resp: 76743

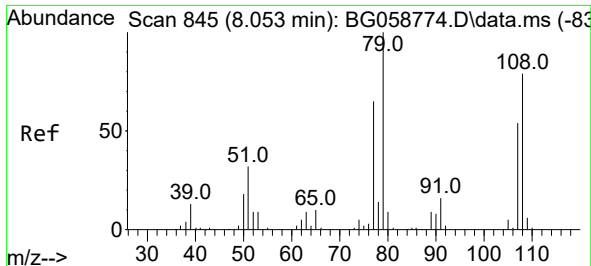
Ion Ratio Lower Upper

146 100

148 67.8 52.9 79.3

111 42.7 35.5 53.3

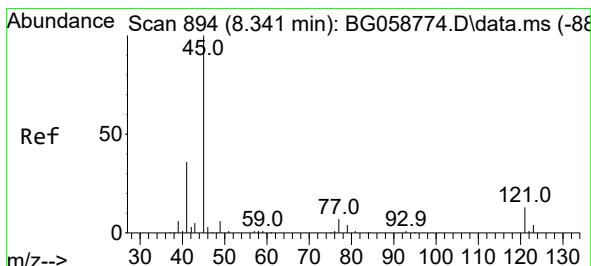
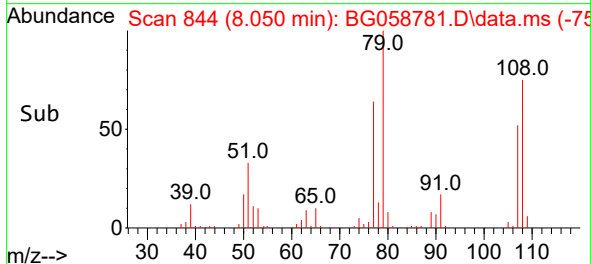
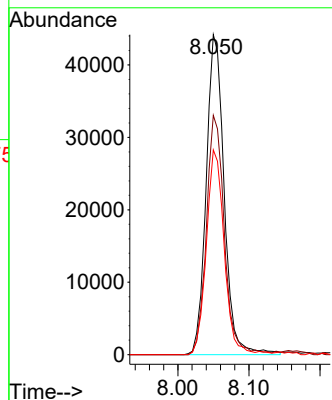
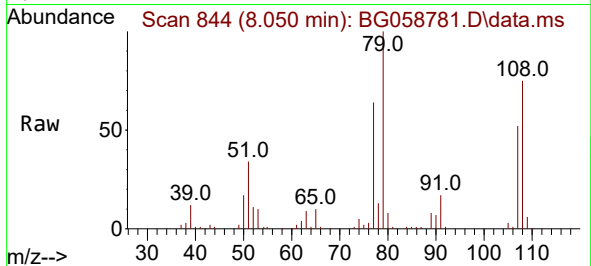




#15
Benzyl Alcohol
Concen: 62.210 ng
RT: 8.050 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

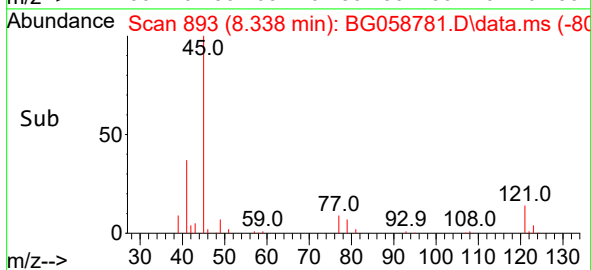
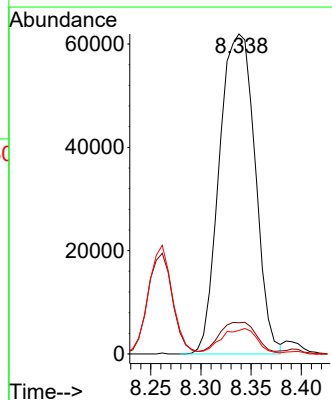
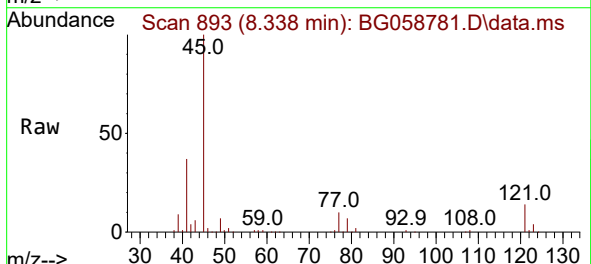
Instrument :
BNA_G
ClientSampleId :
PB154929BS

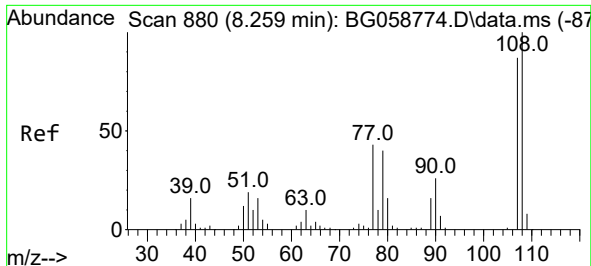
Tgt Ion:	79	Resp:	77704
Ion Ratio	Lower	Upper	
79	100		
108	74.8	63.4	95.0
77	64.0	52.2	78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.688 ng
RT: 8.338 min Scan# 893
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:	45	Resp:	153198
Ion Ratio	Lower	Upper	
45	100		
77	9.7	0.0	30.3
79	7.4	0.0	27.7

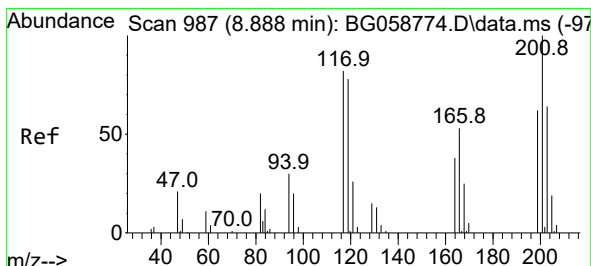
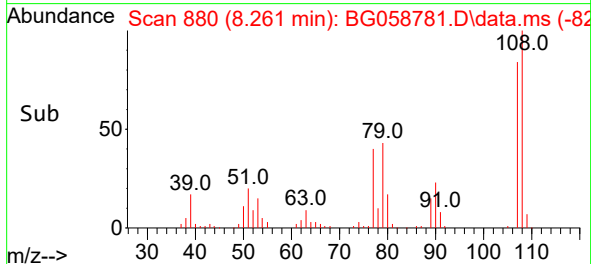
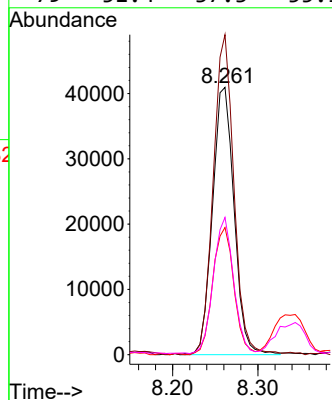
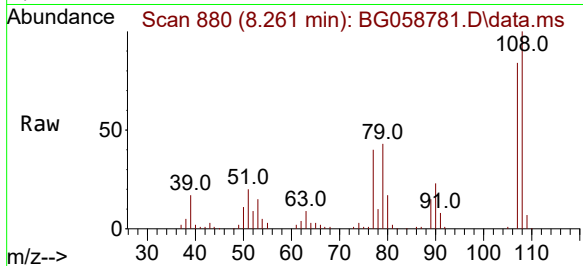




#17
2-Methylphenol
Concen: 58.290 ng
RT: 8.261 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

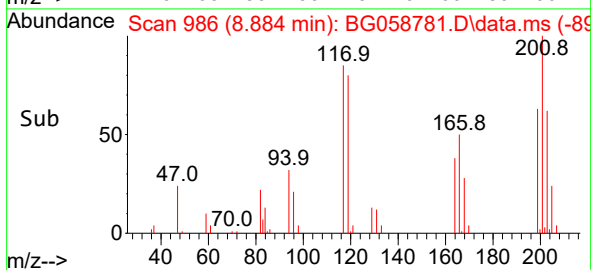
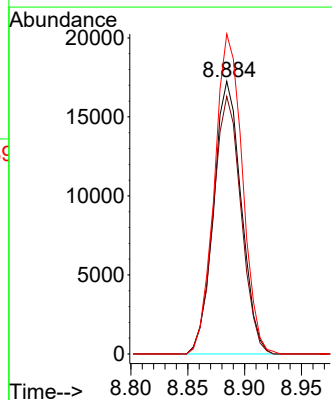
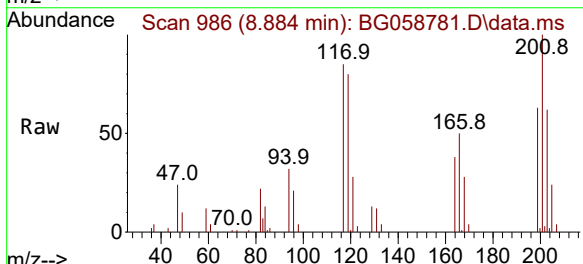
Instrument :
BNA_G
ClientSampleId :
PB154929BS

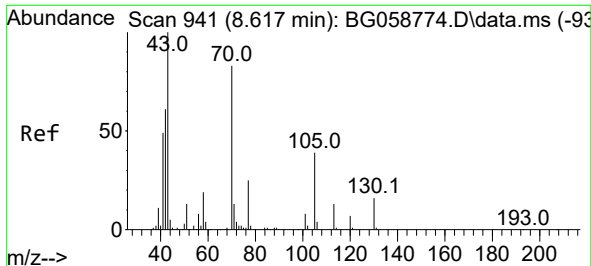
Tgt Ion:	107	Resp:	72121
Ion	Ratio	Lower	Upper
107	100		
108	119.7	92.2	138.2
77	47.6	40.0	60.0
79	51.4	37.3	55.9



#18
Hexachloroethane
Concen: 59.237 ng
RT: 8.884 min Scan# 986
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:	117	Resp:	29187
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	117.4	97.0	145.6

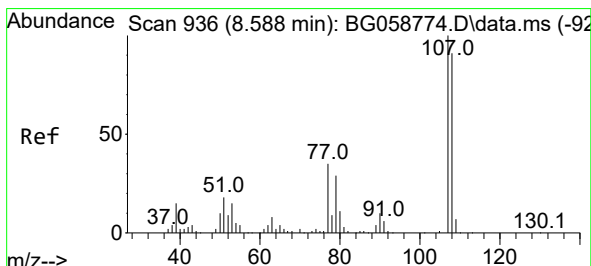
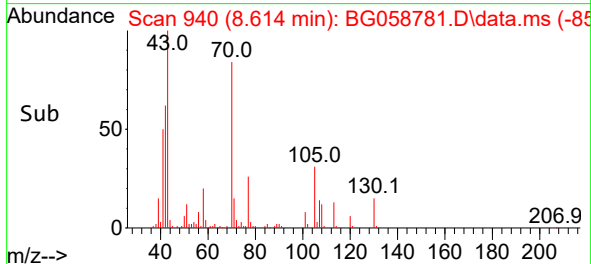
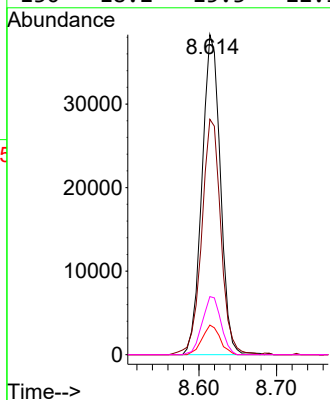
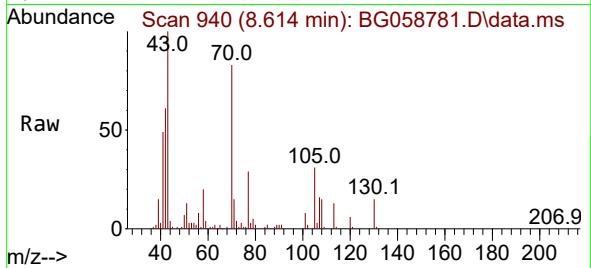




#19
n-Nitroso-di-n-propylamine
Concen: 55.965 ng
RT: 8.614 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

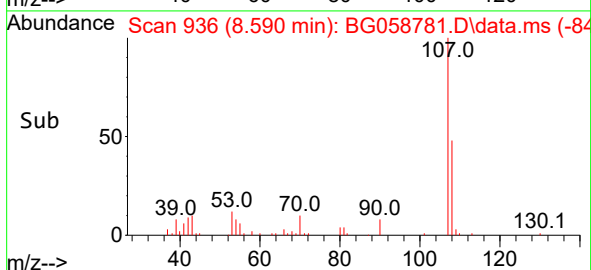
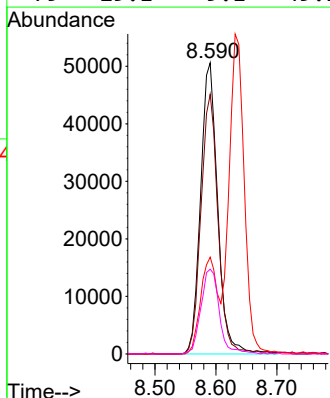
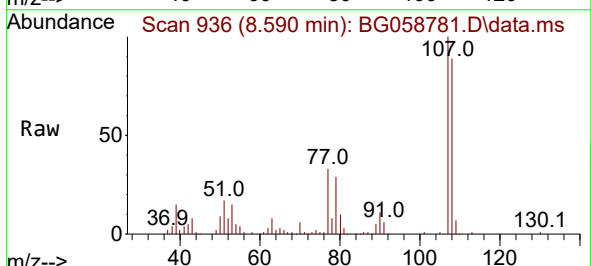
Instrument :
BNA_G
ClientSampleId :
PB154929BS

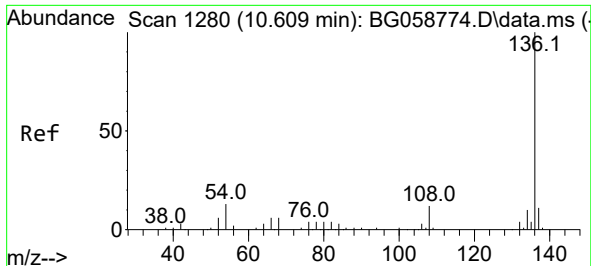
Tgt Ion:	70	Resp:	63200
Ion	Ratio	Lower	Upper
70	100		
42	73.6	59.2	88.8
101	9.3	8.2	12.2
130	18.2	15.3	22.9



#20
3+4-Methylphenols
Concen: 59.388 ng
RT: 8.590 min Scan# 936
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:	107	Resp:	98788
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.6	110.6
77	33.3	14.8	54.8
79	29.1	9.1	49.1





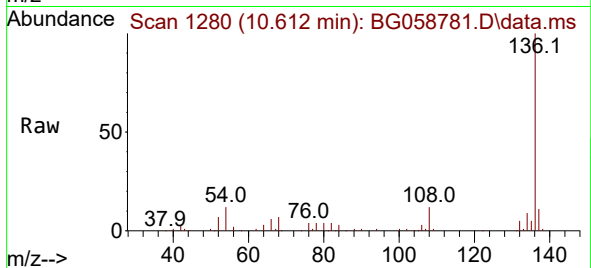
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :

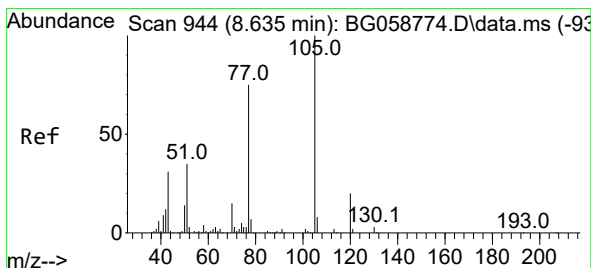
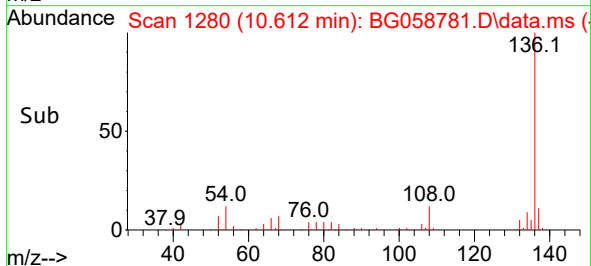
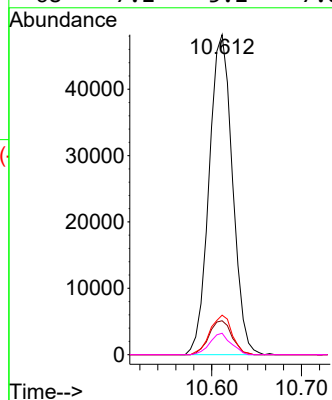
BNA_G

ClientSampleId :

PB154929BS

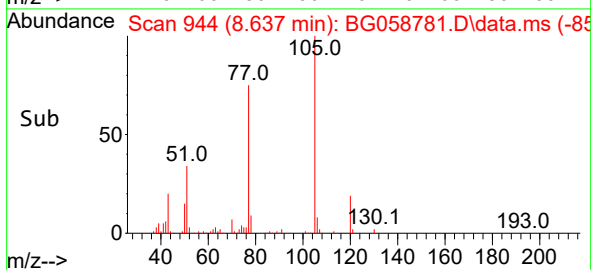
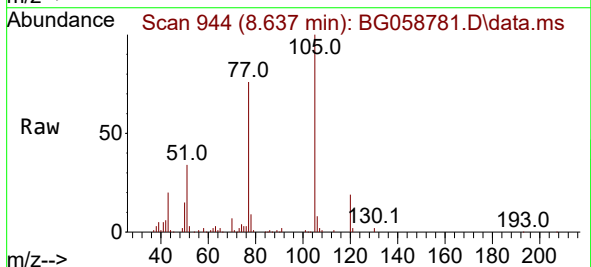
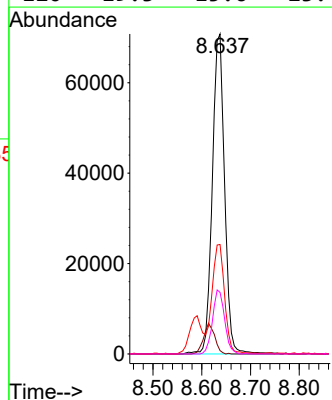


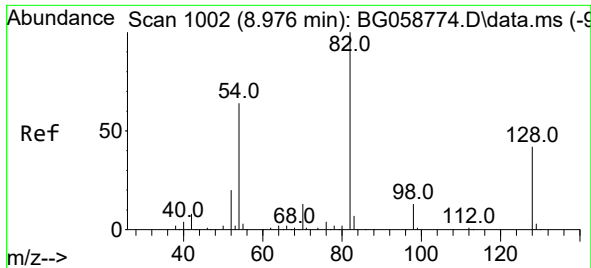
Tgt Ion:136 Resp: 86964
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 12.3 10.1 15.1
68 7.2 5.2 7.8



#22
Acetophenone
Concen: 52.521 ng
RT: 8.637 min Scan# 944
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:105 Resp: 123638
Ion Ratio Lower Upper
105 100
71 1.0 2.2 3.2#
51 34.2 28.5 42.7
120 19.3 15.6 23.4

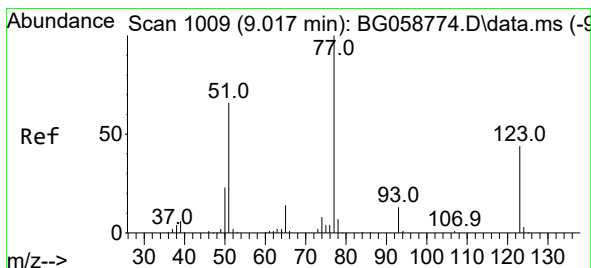
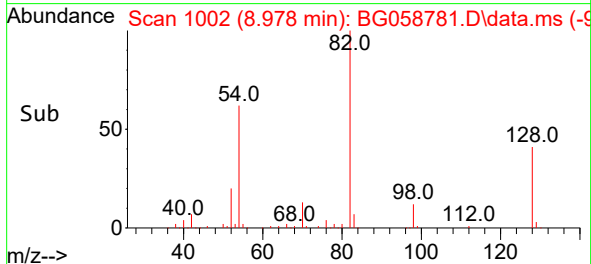
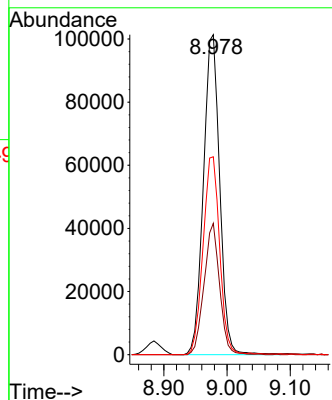
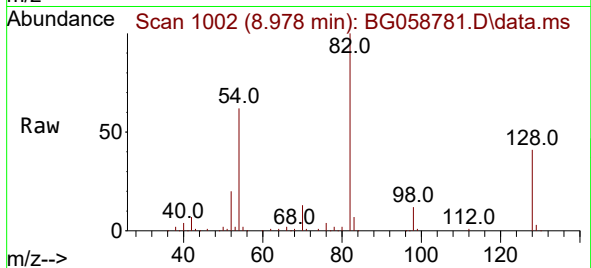




#23
 Nitrobenzene-d5
 Concen: 100.304 ng
 RT: 8.978 min Scan# 1002
 Delta R.T. 0.002 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

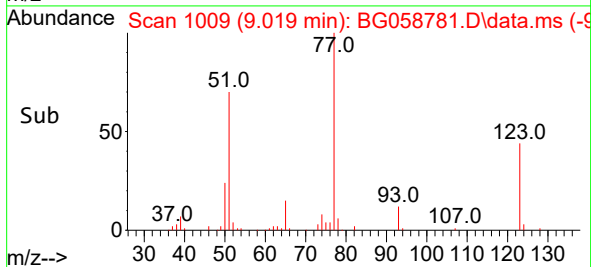
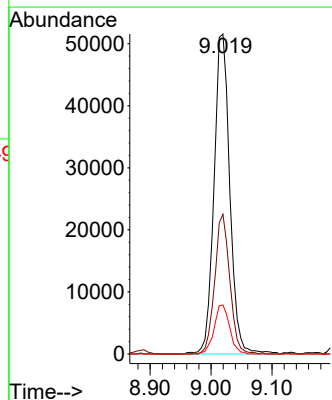
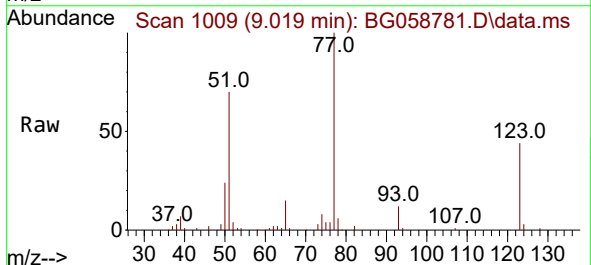
Instrument :
 BNA_G
 ClientSampleId :
 PB154929BS

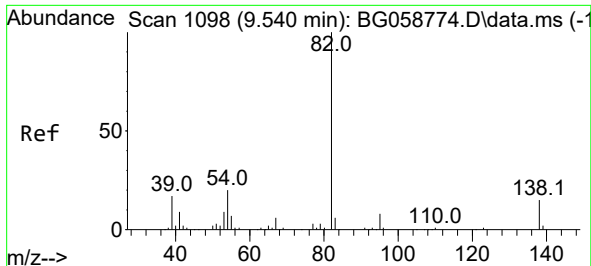
Tgt Ion: 82 Resp: 181432
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.2 49.8
 54 61.9 51.2 76.8



#24
 Nitrobenzene
 Concen: 51.708 ng
 RT: 9.019 min Scan# 1009
 Delta R.T. 0.002 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

Tgt Ion: 77 Resp: 93025
 Ion Ratio Lower Upper
 77 100
 123 43.7 34.9 52.3
 65 15.3 10.9 16.3

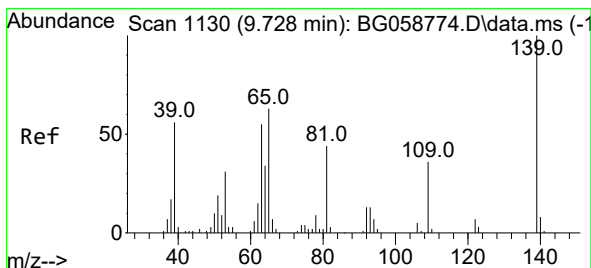
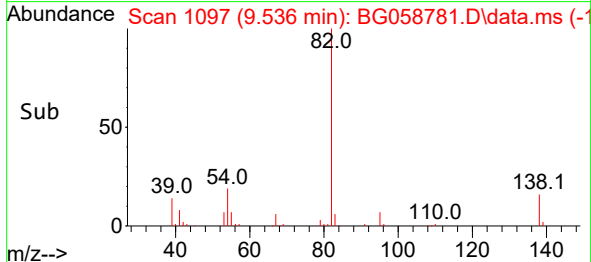
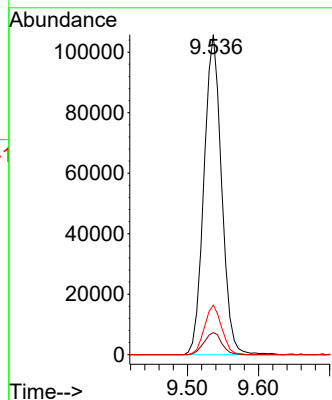
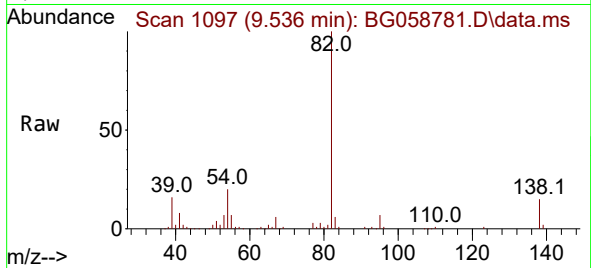




#25
Isophorone
Concen: 50.747 ng
RT: 9.536 min Scan# 1097
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

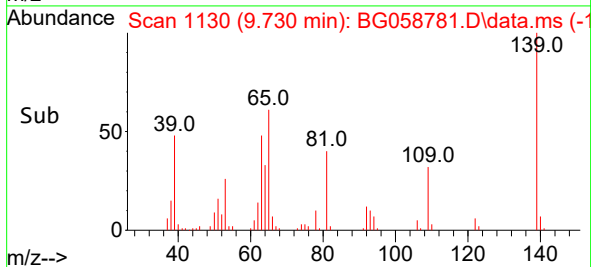
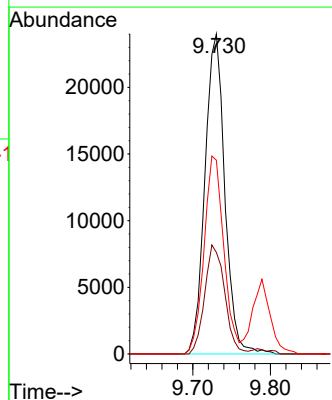
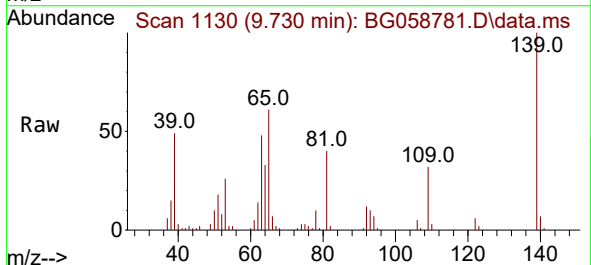
Instrument :
BNA_G
ClientSampleId :
PB154929BS

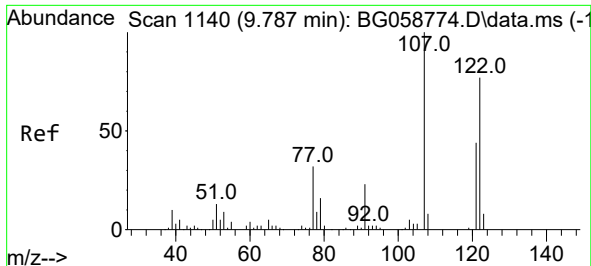
Tgt Ion: 82 Resp: 182543
Ion Ratio Lower Upper
82 100
95 6.9 6.1 9.1
138 15.5 12.2 18.4



#26
2-Nitrophenol
Concen: 56.874 ng
RT: 9.730 min Scan# 1130
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:139 Resp: 42793
Ion Ratio Lower Upper
139 100
109 31.7 28.7 43.1
65 60.6 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 54.608 ng

RT: 9.789 min Scan# 1140

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

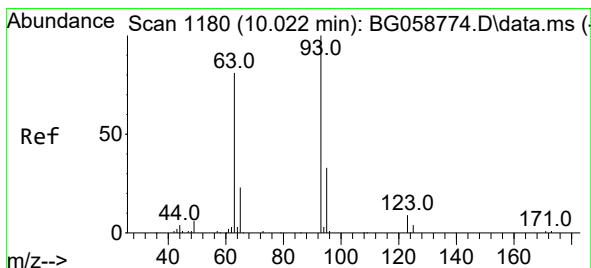
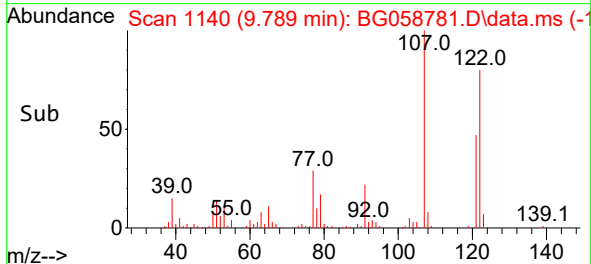
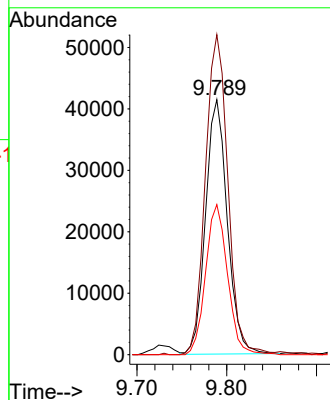
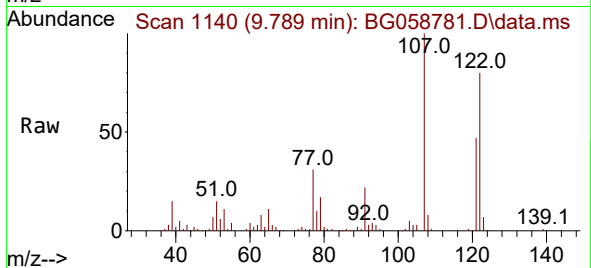
Tgt Ion:122 Resp: 69635

Ion Ratio Lower Upper

122 100

107 125.5 102.6 154.0

121 58.9 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 52.476 ng

RT: 10.018 min Scan# 1179

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

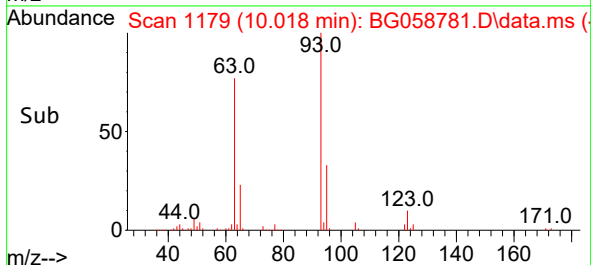
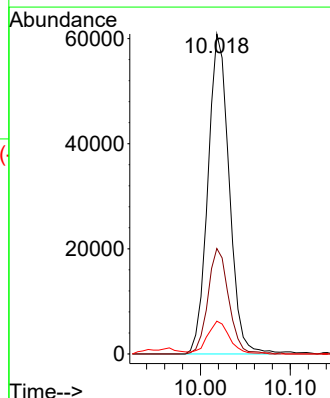
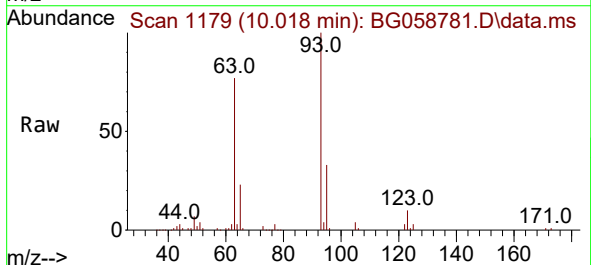
Tgt Ion: 93 Resp: 99988

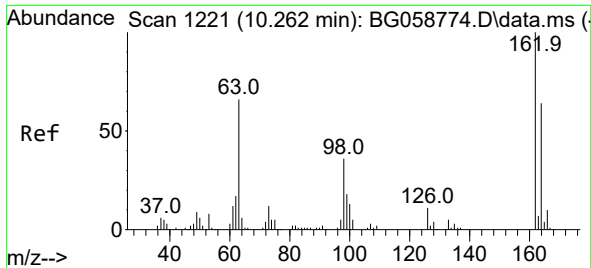
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

123 10.2 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 58.842 ng

RT: 10.265 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

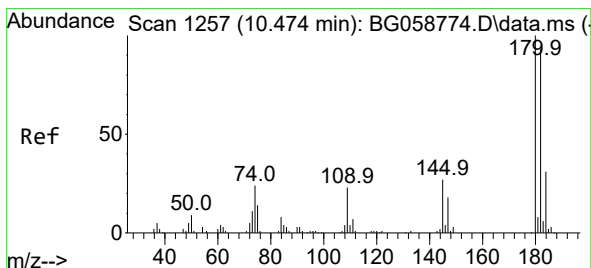
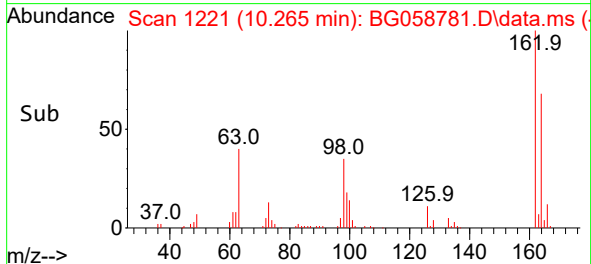
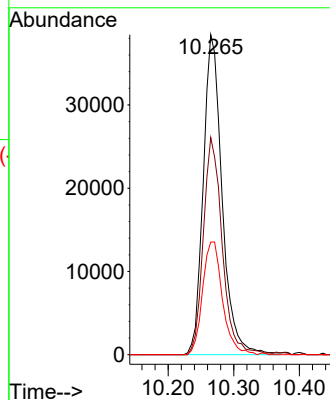
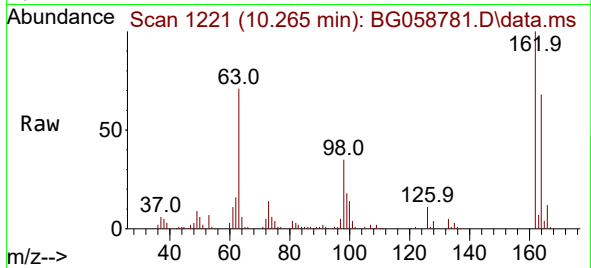
Tgt Ion:162 Resp: 77104

Ion Ratio Lower Upper

162 100

164 67.9 44.4 84.4

98 35.2 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 53.030 ng

RT: 10.476 min Scan# 1257

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

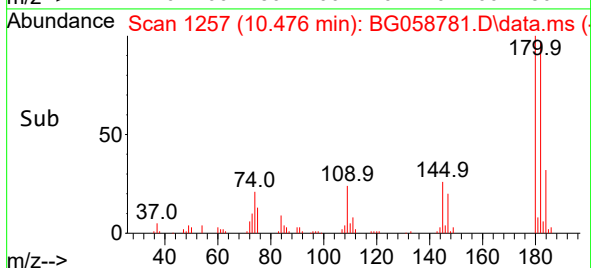
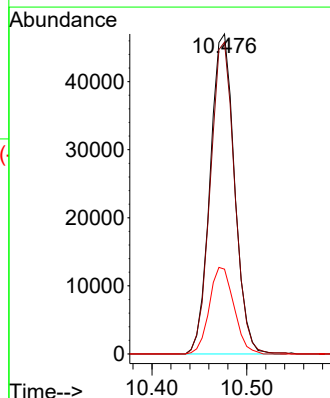
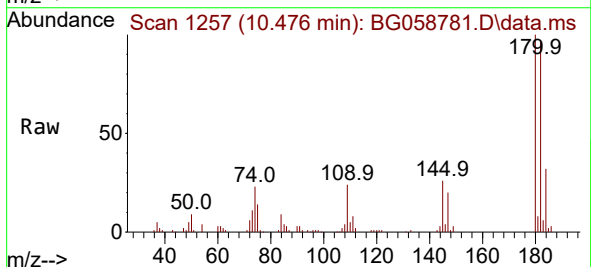
Tgt Ion:180 Resp: 83911

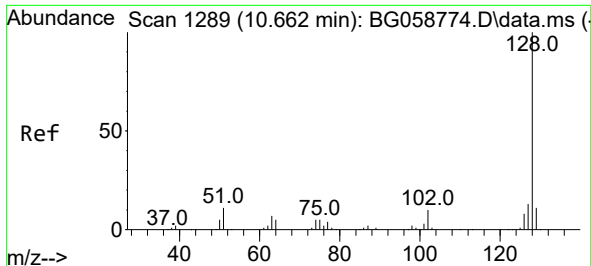
Ion Ratio Lower Upper

180 100

182 97.4 74.6 112.0

145 26.5 21.4 32.0

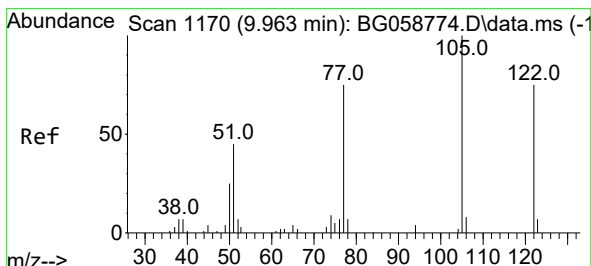
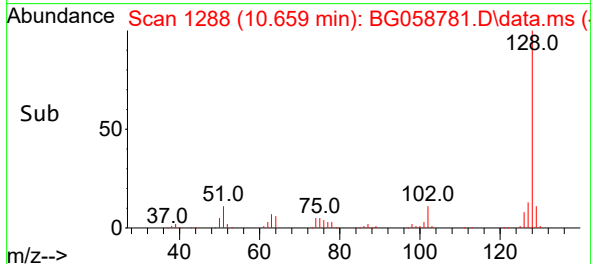
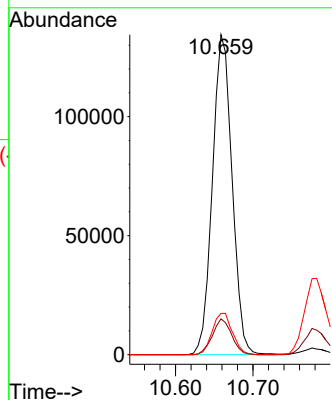
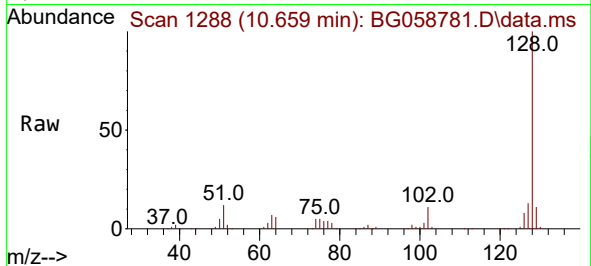




#31
Naphthalene
Concen: 51.881 ng
RT: 10.659 min Scan# 1169
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

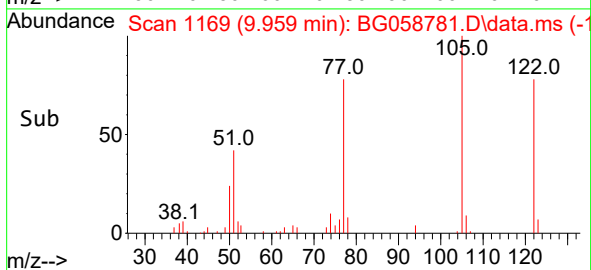
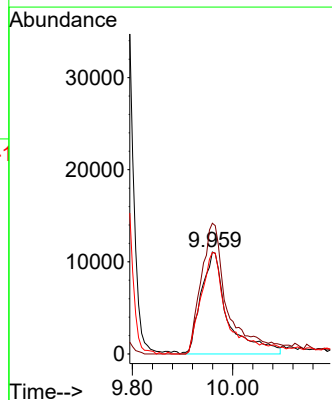
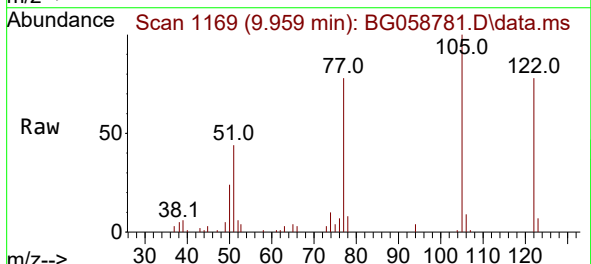
Instrument :
BNA_G
ClientSampleId :
PB154929BS

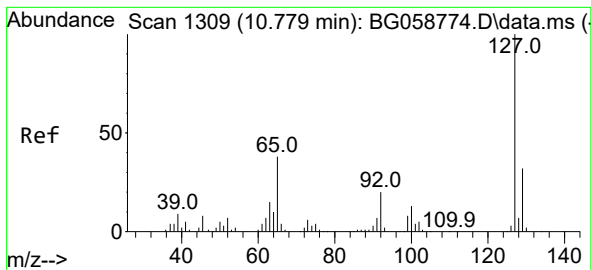
Tgt Ion:128 Resp: 236895
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 51.761 ng
RT: 9.959 min Scan# 1169
Delta R.T. -0.004 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:122 Resp: 40850
Ion Ratio Lower Upper
122 100
105 128.1 113.6 153.6
77 99.4 79.7 119.7

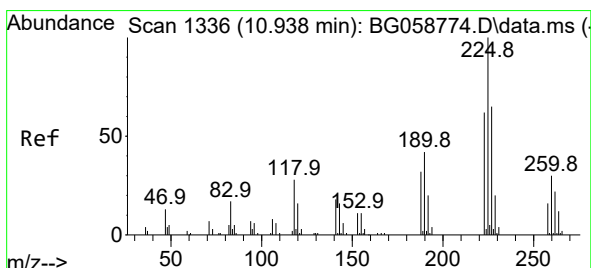
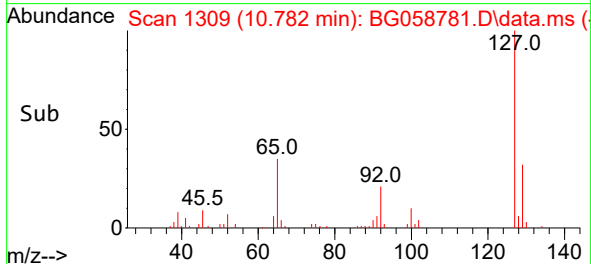
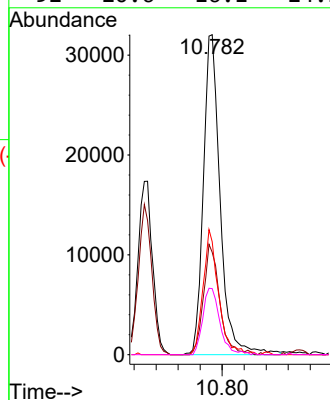
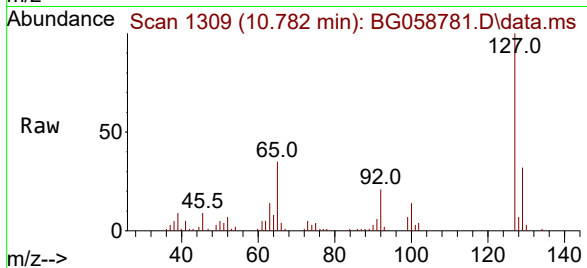




#33
4-Chloroaniline
Concen: 35.224 ng
RT: 10.782 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

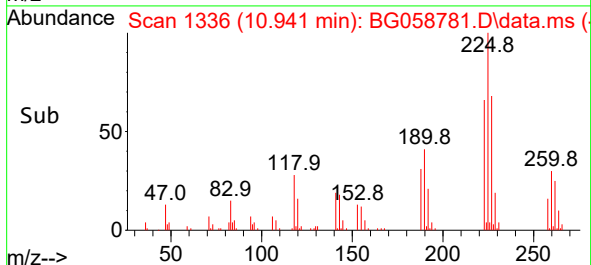
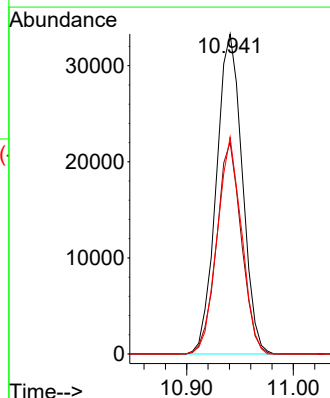
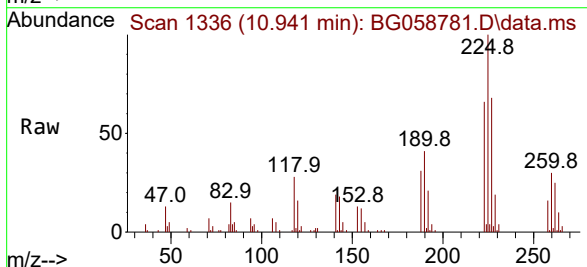
Instrument :
BNA_G
ClientSampleId :
PB154929BS

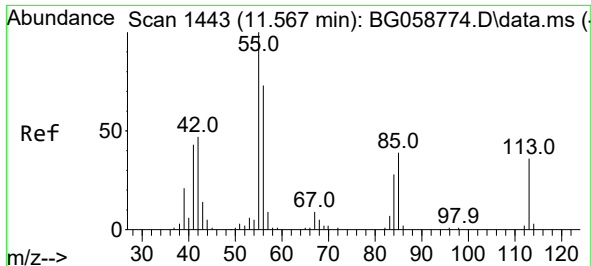
Tgt Ion:	127	Resp:	67832
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.2	37.8
65	35.3	30.5	45.7
92	20.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 52.596 ng
RT: 10.941 min Scan# 1336
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:	225	Resp:	56169
Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.9	74.9
227	67.8	51.6	77.4

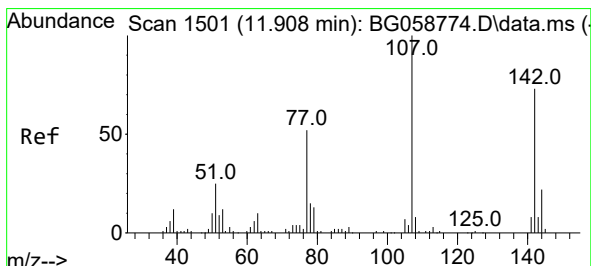
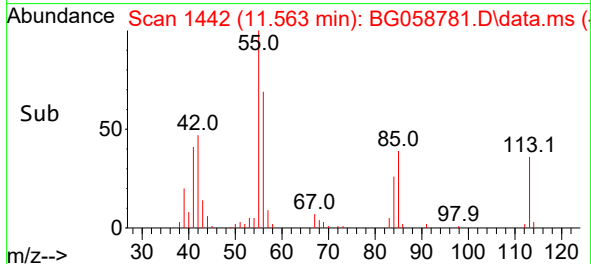
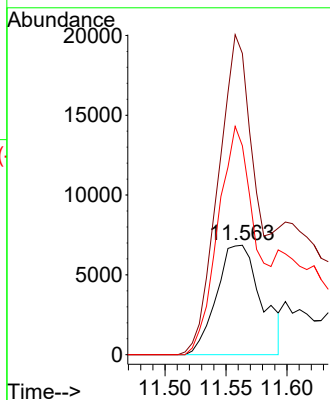
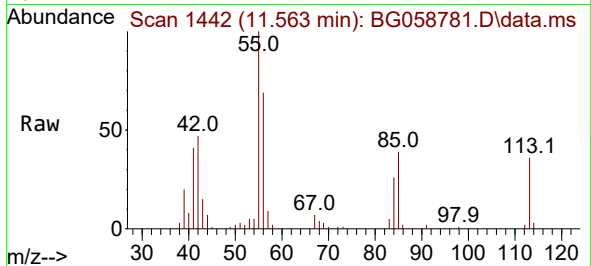




#35
Caprolactam
Concen: 37.198 ng
RT: 11.563 min Scan# 14
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

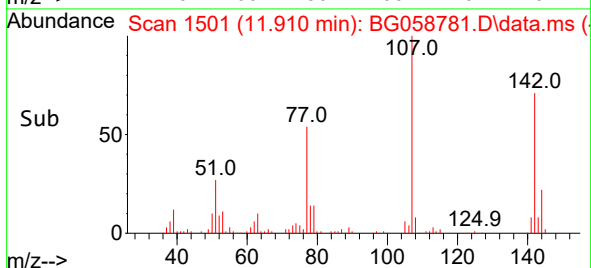
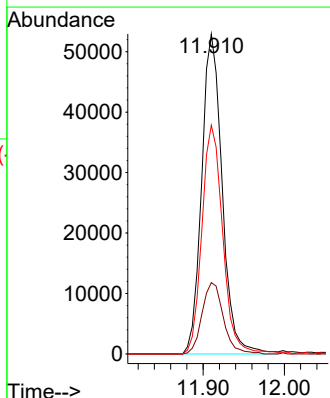
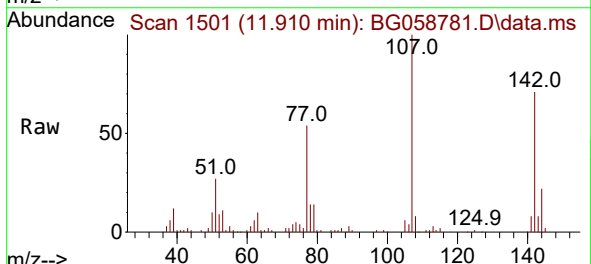
Instrument :
BNA_G
ClientSampleId :
PB154929BS

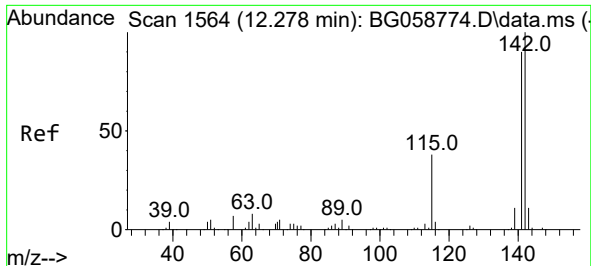
Tgt Ion:113 Resp: 17466
Ion Ratio Lower Upper
113 100
55 275.2 256.3 296.3
56 190.9 180.4 220.4



#36
4-Chloro-3-methylphenol
Concen: 56.883 ng
RT: 11.910 min Scan# 1501
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:107 Resp: 92693
Ion Ratio Lower Upper
107 100
144 22.3 17.9 26.9
142 71.5 58.5 87.7





#37

2-Methylnaphthalene

Concen: 49.271 ng

RT: 12.274 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

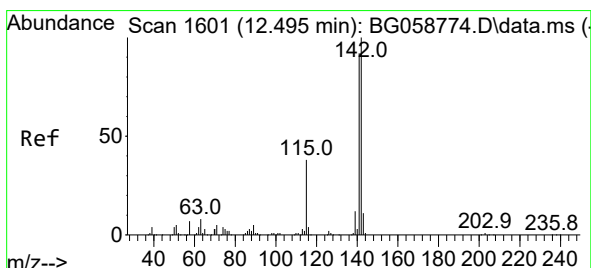
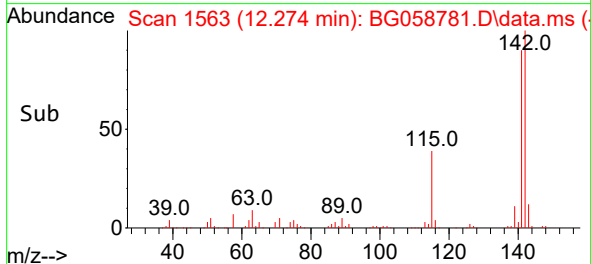
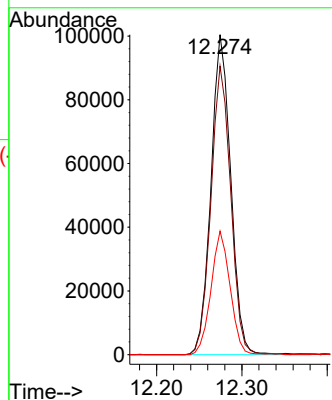
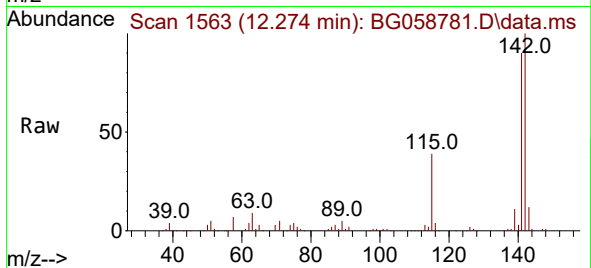
Tgt Ion:142 Resp: 161586

Ion Ratio Lower Upper

142 100

141 90.2 71.8 107.8

115 38.6 30.6 45.8



#38

1-Methylnaphthalene

Concen: 50.457 ng

RT: 12.492 min Scan# 1600

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

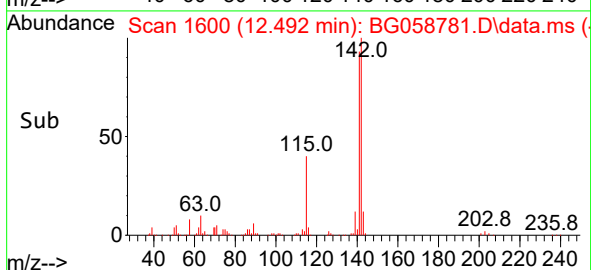
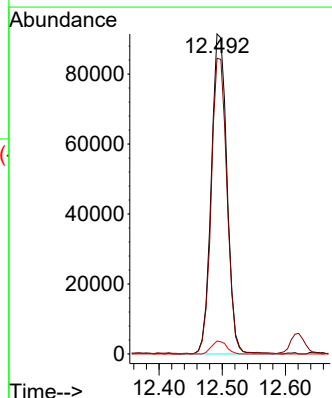
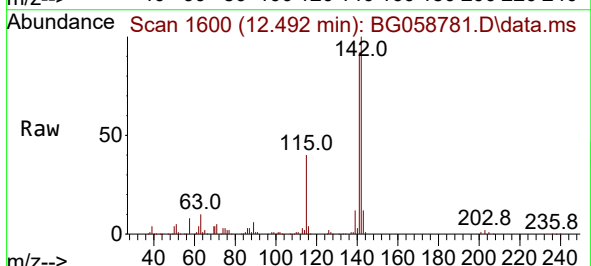
Tgt Ion:142 Resp: 157079

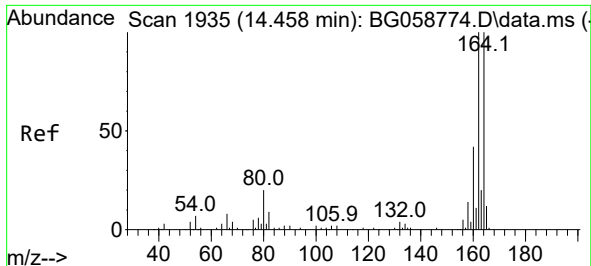
Ion Ratio Lower Upper

142 100

141 92.4 73.9 110.9

116 4.1 3.2 4.8

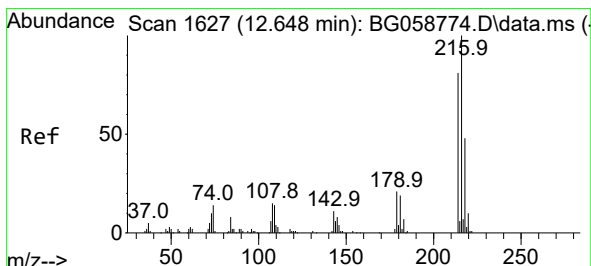
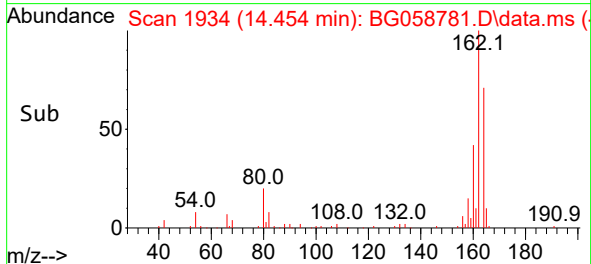
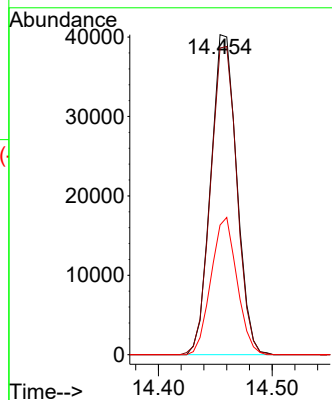
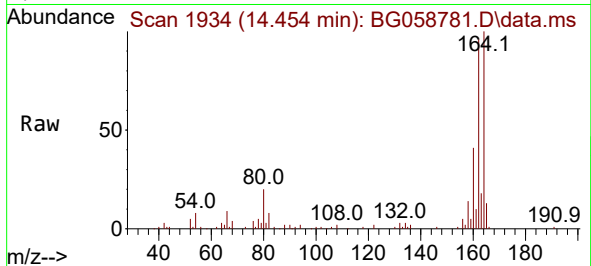




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.454 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

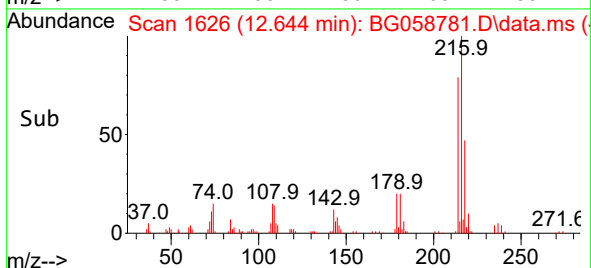
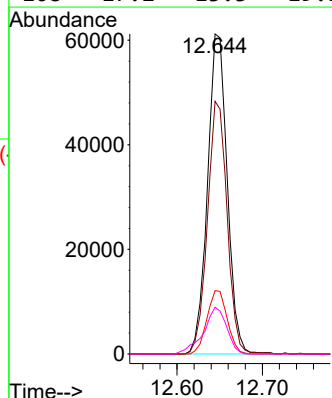
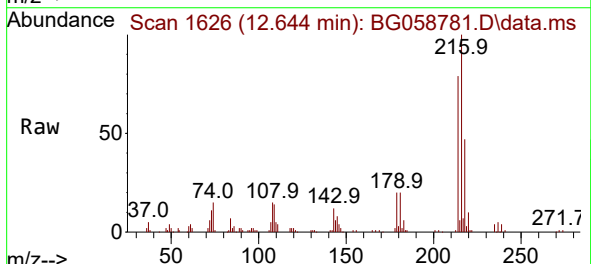
Instrument :
BNA_G
ClientSampleId :
PB154929BS

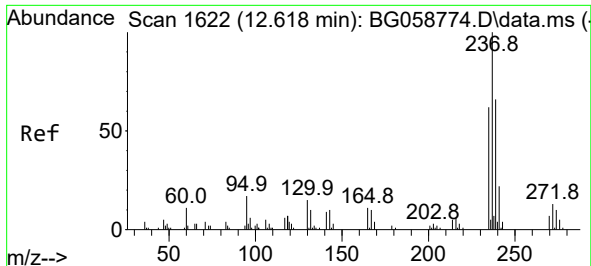
Tgt Ion:164 Resp: 63979
Ion Ratio Lower Upper
164 100
162 95.9 79.6 119.4
160 40.5 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.770 ng
RT: 12.644 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:216 Resp: 98166
Ion Ratio Lower Upper
216 100
214 78.6 64.0 96.0
179 20.3 16.2 24.4
108 17.2 13.3 19.9

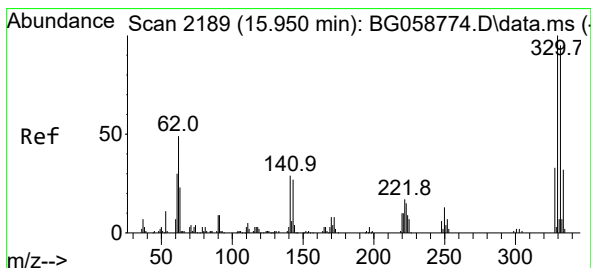
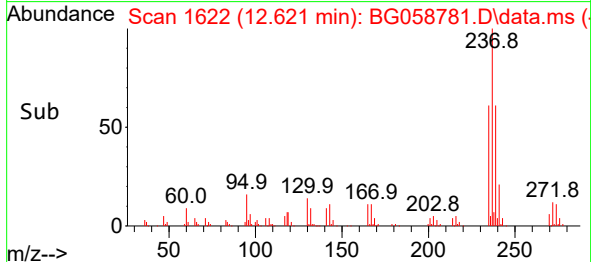
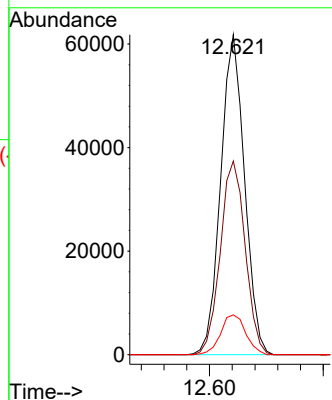
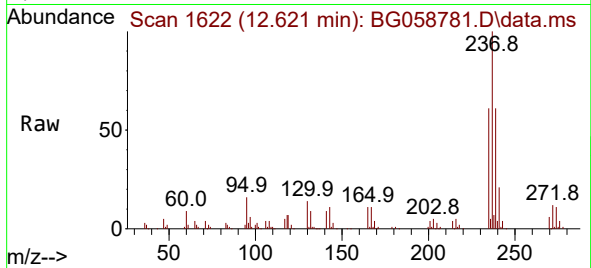




#41
Hexachlorocyclopentadiene
Concen: 112.003 ng
RT: 12.621 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

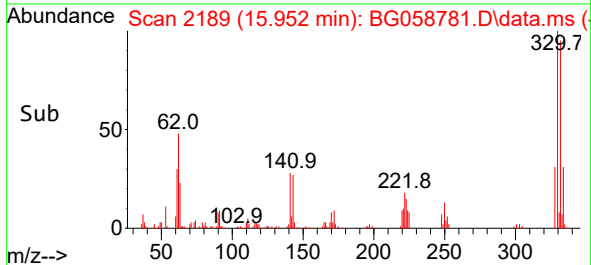
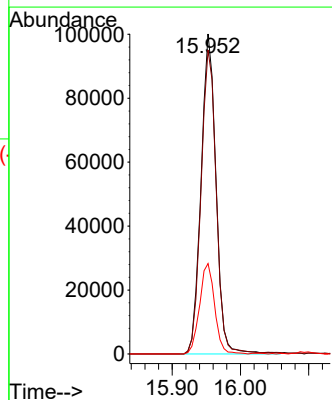
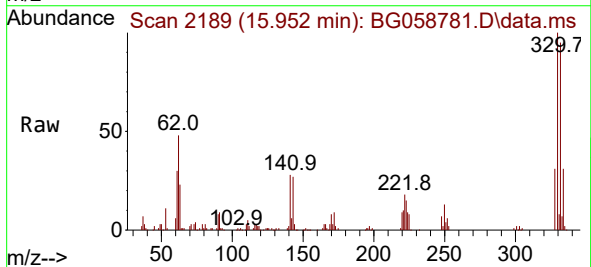
Instrument :
BNA_G
ClientSampleId :
PB154929BS

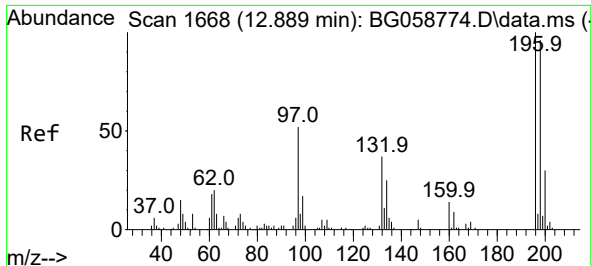
Tgt Ion:237 Resp: 89975
Ion Ratio Lower Upper
237 100
235 60.5 41.5 81.5
272 12.5 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 152.088 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:330 Resp: 152571
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 28.4 23.0 34.6

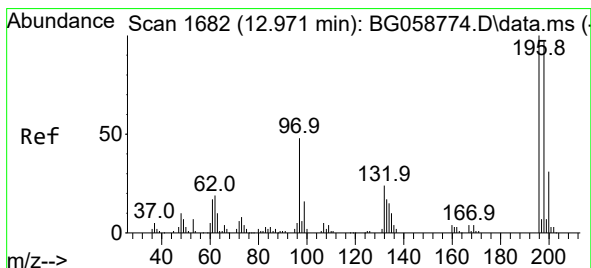
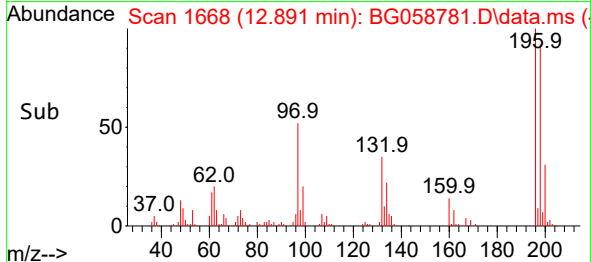
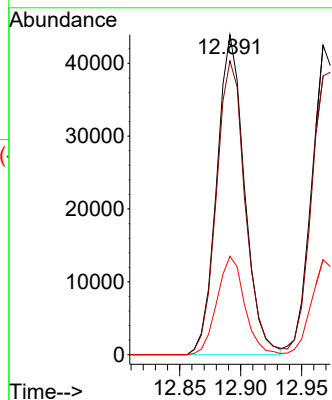
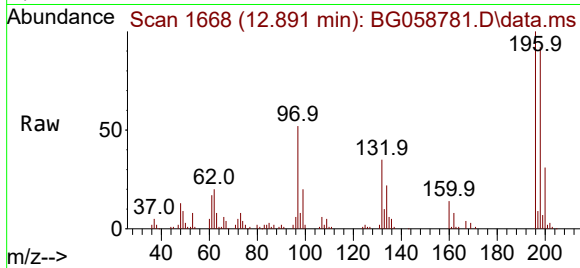




#43
 2,4,6-Trichlorophenol
 Concen: 55.340 ng
 RT: 12.891 min Scan# 1
 Delta R.T. 0.002 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

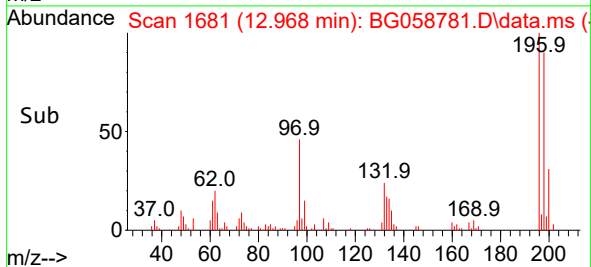
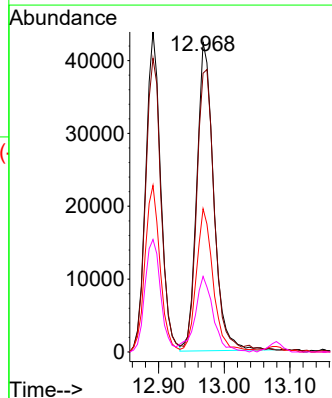
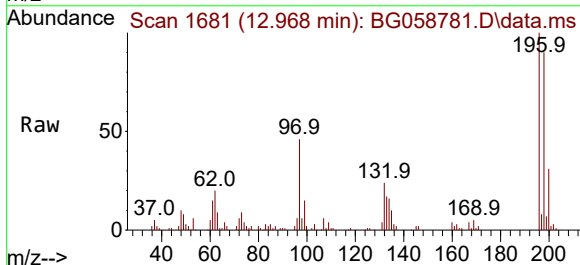
Instrument :
 BNA_G
 ClientSampleId :
 PB154929BS

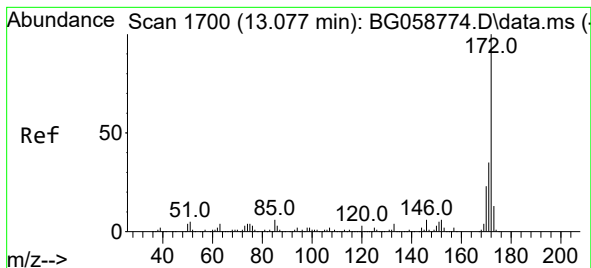
Tgt Ion:196 Resp: 69454
 Ion Ratio Lower Upper
 196 100
 198 91.8 77.0 115.4
 200 30.8 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 50.524 ng
 RT: 12.968 min Scan# 1681
 Delta R.T. -0.003 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

Tgt Ion:196 Resp: 75932
 Ion Ratio Lower Upper
 196 100
 198 90.0 78.0 117.0
 97 46.2 38.7 58.1
 132 24.4 19.8 29.6





#45

2-Fluorobiphenyl

Concen: 94.060 ng

RT: 13.079 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

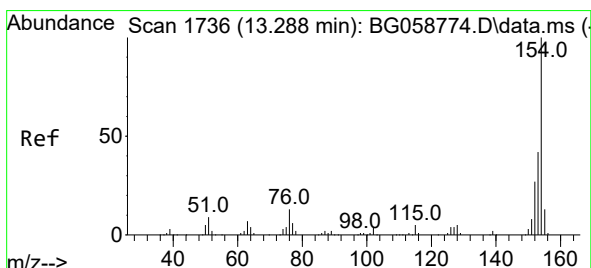
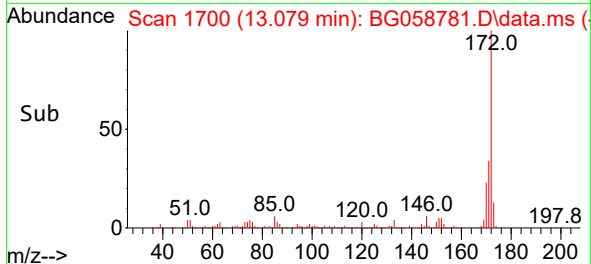
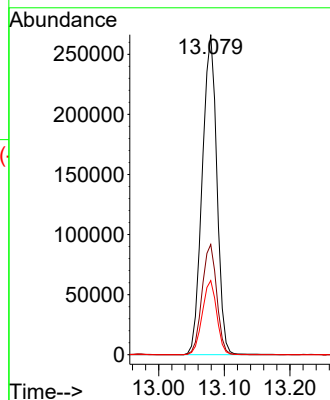
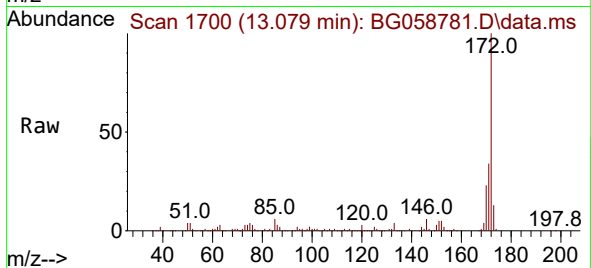
Tgt Ion:172 Resp: 413753

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.2 18.6 27.8



#46

1,1'-Biphenyl

Concen: 49.740 ng

RT: 13.291 min Scan# 1736

Delta R.T. 0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

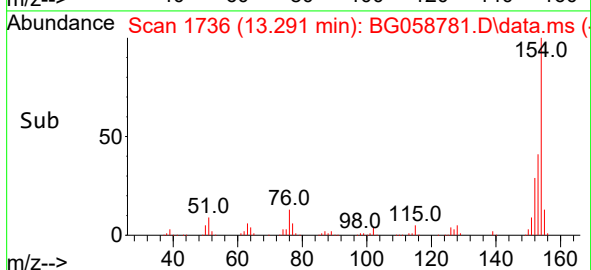
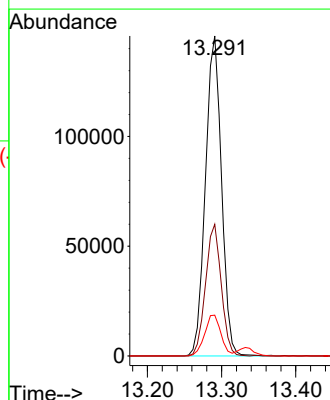
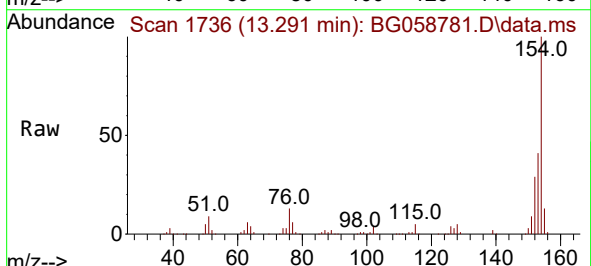
Tgt Ion:154 Resp: 219223

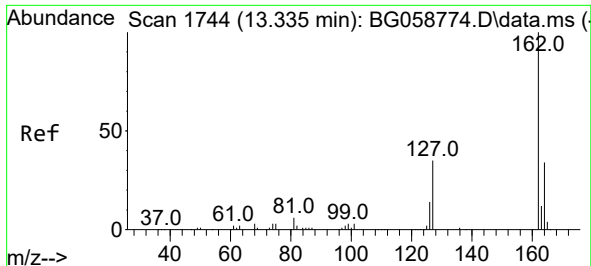
Ion Ratio Lower Upper

154 100

153 41.1 21.7 61.7

76 12.7 0.0 33.2

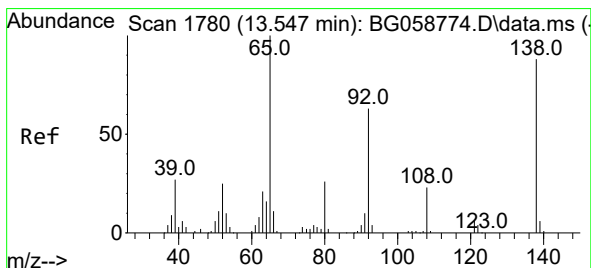
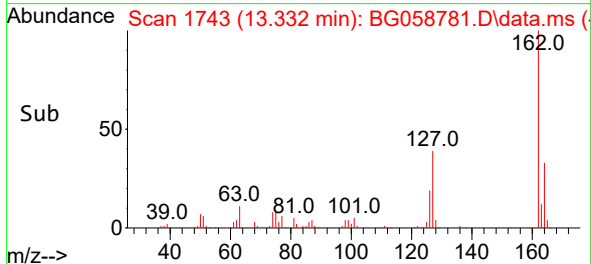
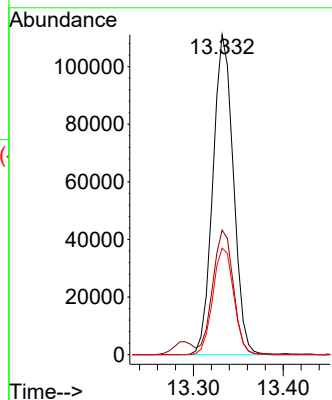
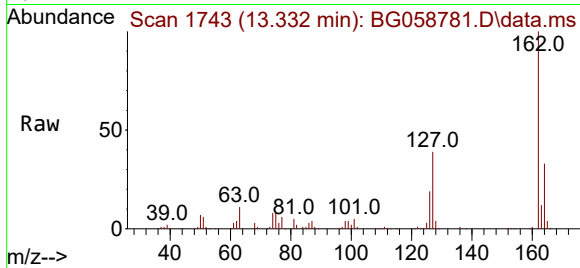




#47
2-Chloronaphthalene
Concen: 51.294 ng
RT: 13.332 min Scan# 1743
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

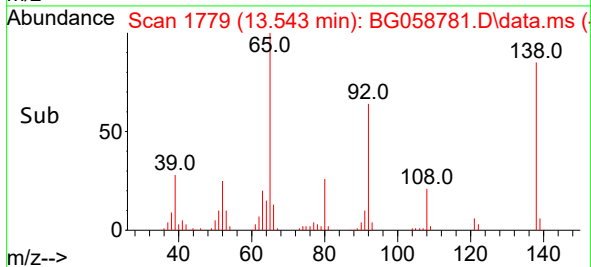
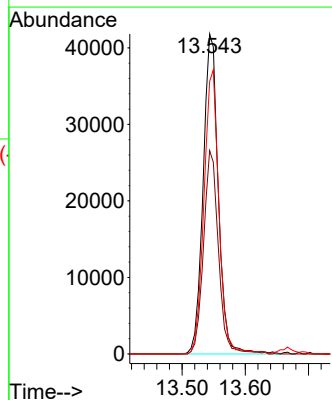
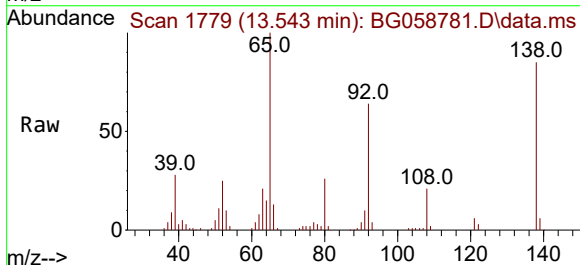
Instrument :
BNA_G
ClientSampleId :
PB154929BS

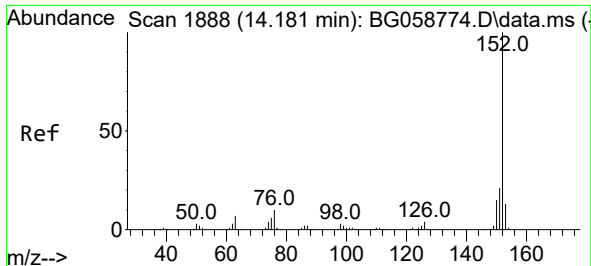
Tgt Ion:162 Resp: 176178
Ion Ratio Lower Upper
162 100
127 38.9 31.5 47.3
164 33.3 27.3 40.9



#48
2-Nitroaniline
Concen: 53.393 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion: 65 Resp: 69650
Ion Ratio Lower Upper
65 100
92 63.5 50.7 76.1
138 85.1 70.7 106.1





#49

Acenaphthylene

Concen: 51.851 ng

RT: 14.184 min Scan# 1888

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

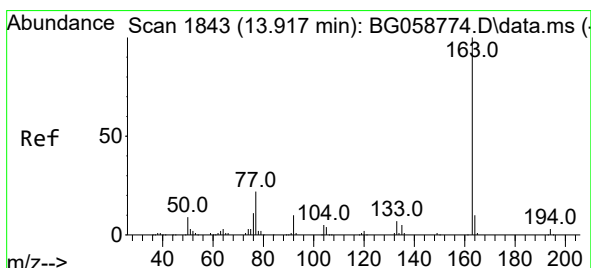
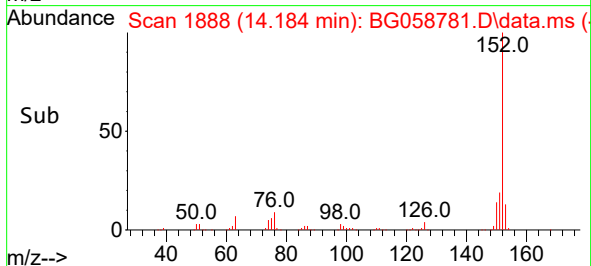
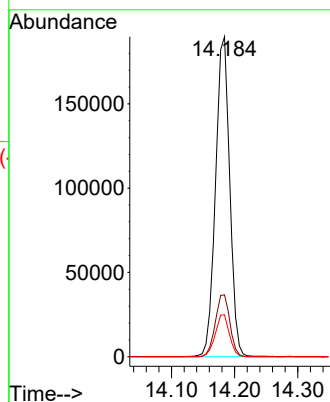
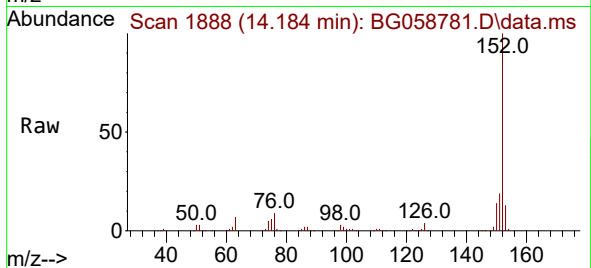
Tgt Ion:152 Resp: 295336

Ion Ratio Lower Upper

152 100

151 19.3 16.9 25.3

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 50.646 ng

RT: 13.919 min Scan# 1843

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

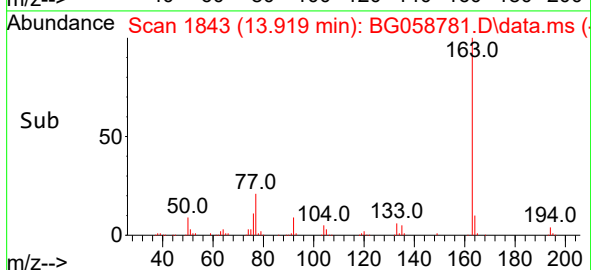
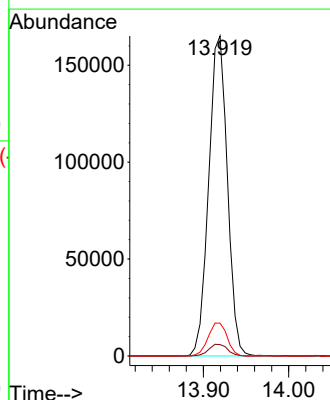
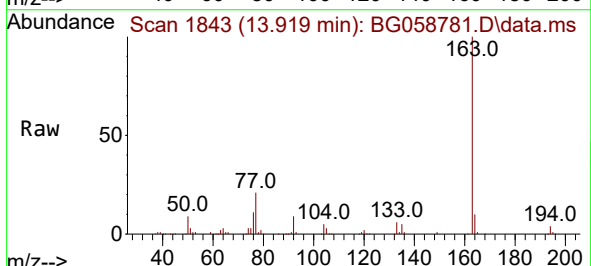
Tgt Ion:163 Resp: 250888

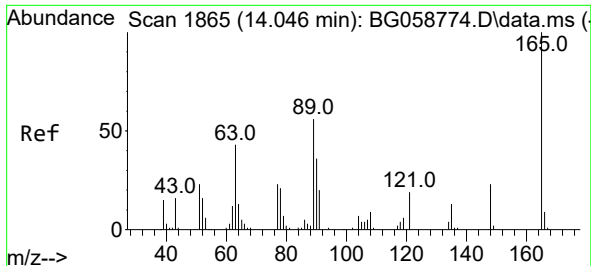
Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

164 10.2 8.3 12.5

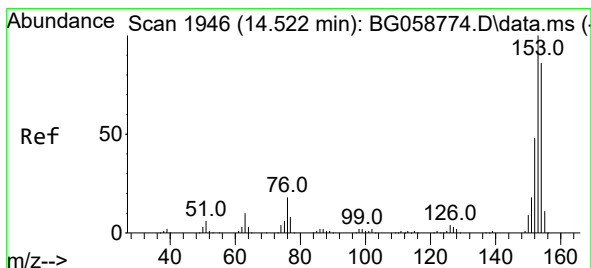
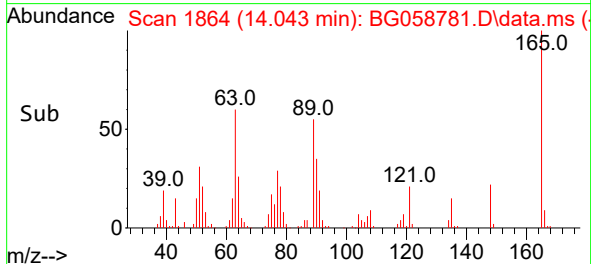
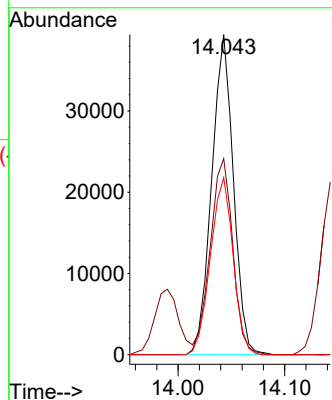
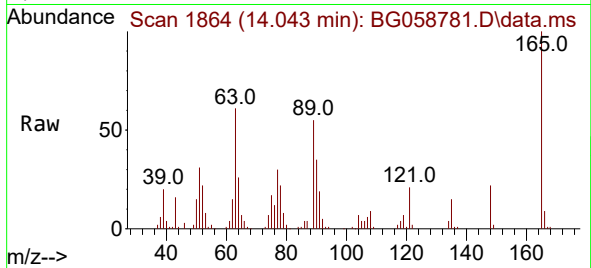




#51
2,6-Dinitrotoluene
Concen: 53.424 ng
RT: 14.043 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

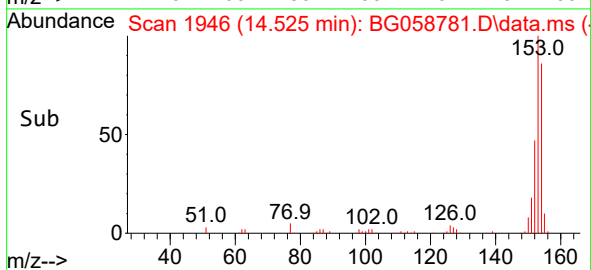
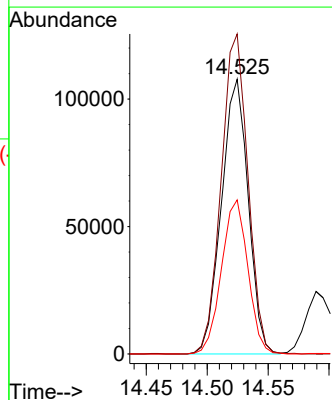
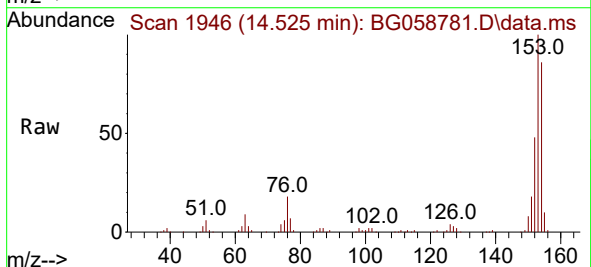
Instrument :
BNA_G
ClientSampleId :
PB154929BS

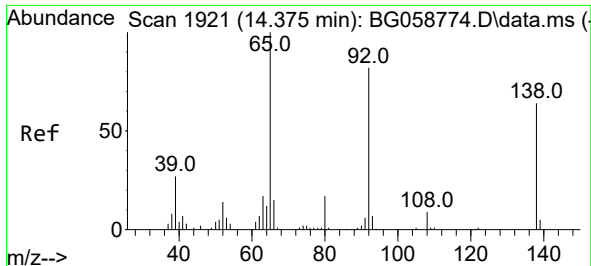
Tgt Ion:165 Resp: 55599
Ion Ratio Lower Upper
165 100
63 61.2 47.2 70.8
89 55.3 45.0 67.4



#52
Acenaphthene
Concen: 49.563 ng
RT: 14.525 min Scan# 1946
Delta R.T. 0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:154 Resp: 164972
Ion Ratio Lower Upper
154 100
153 116.5 92.7 139.1
152 56.1 44.2 66.2

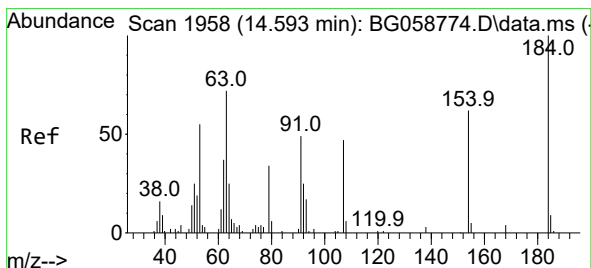
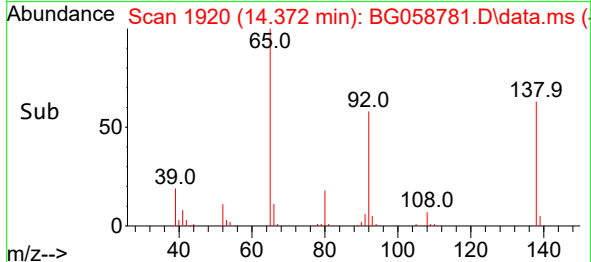
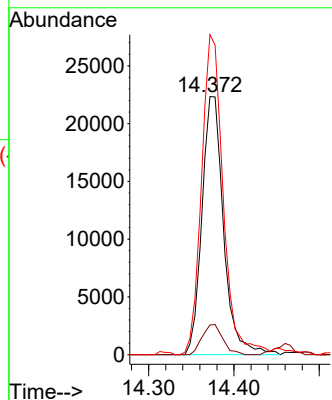
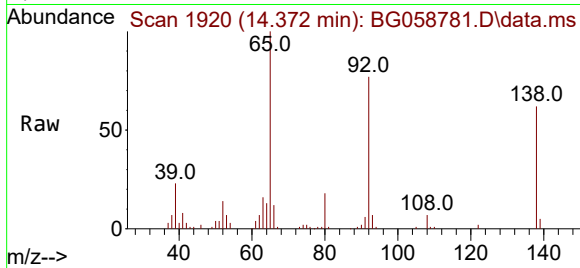




#53
3-Nitroaniline
Concen: 39.207 ng
RT: 14.372 min Scan# 1921
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

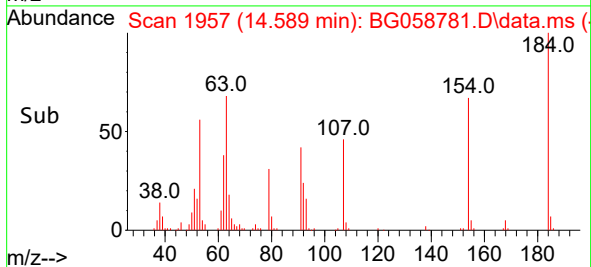
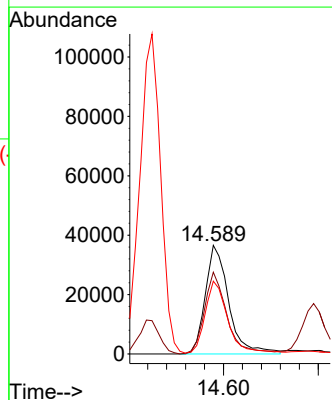
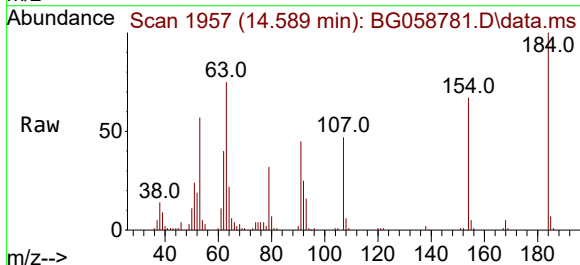
Instrument :
BNA_G
ClientSampleId :
PB154929BS

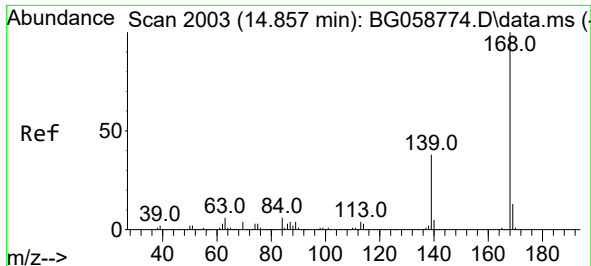
Tgt Ion:138 Resp: 39354
Ion Ratio Lower Upper
138 100
108 11.5 11.8 17.8#
92 124.0 102.5 153.7



#54
2,4-Dinitrophenol
Concen: 105.289 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:184 Resp: 62628
Ion Ratio Lower Upper
184 100
63 75.3 57.7 86.5
154 67.1 51.8 77.6

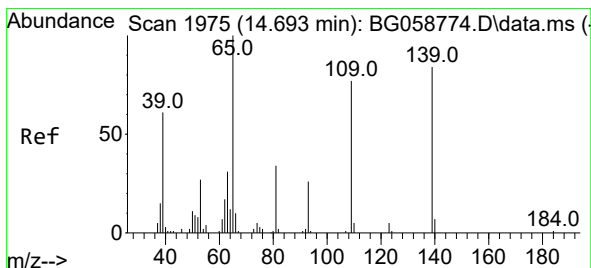
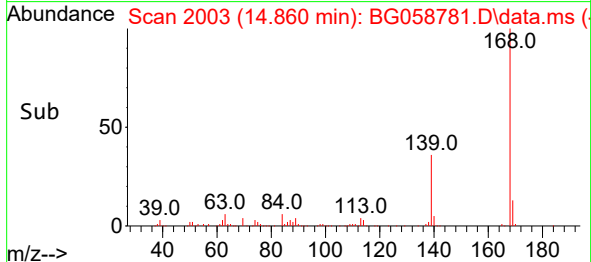
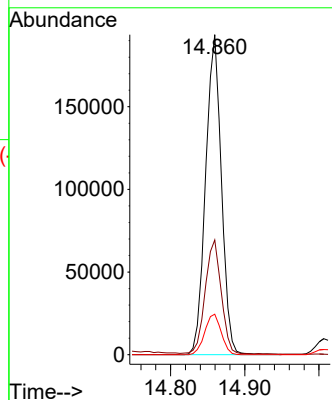
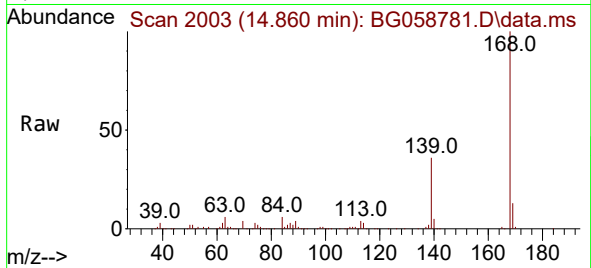




#55
Dibenzofuran
Concen: 49.965 ng
RT: 14.860 min Scan# 2003
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

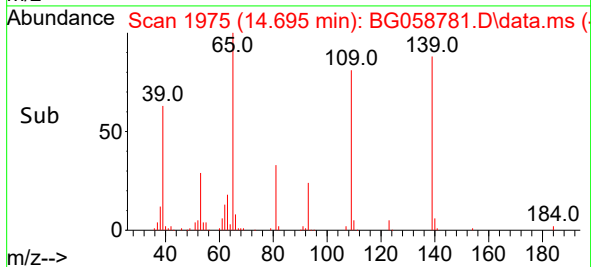
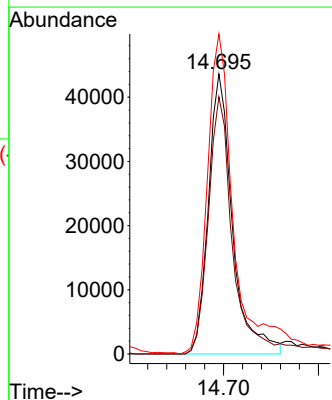
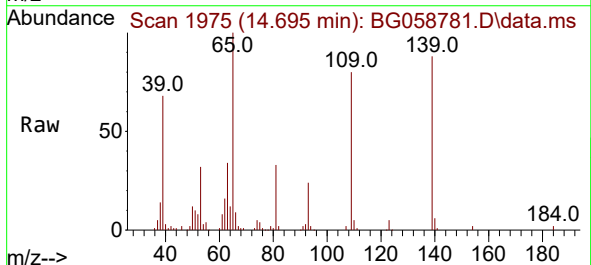
Instrument :
BNA_G
ClientSampleId :
PB154929BS

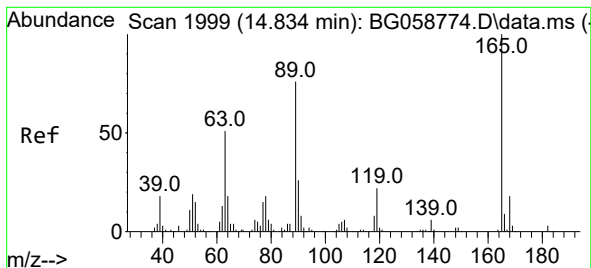
Tgt Ion:168 Resp: 286881
Ion Ratio Lower Upper
168 100
139 35.9 30.4 45.6
169 12.7 10.7 16.1



#56
4-Nitrophenol
Concen: 104.650 ng
RT: 14.695 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:139 Resp: 77048
Ion Ratio Lower Upper
139 100
109 91.9 71.9 111.9
65 114.3 100.7 140.7

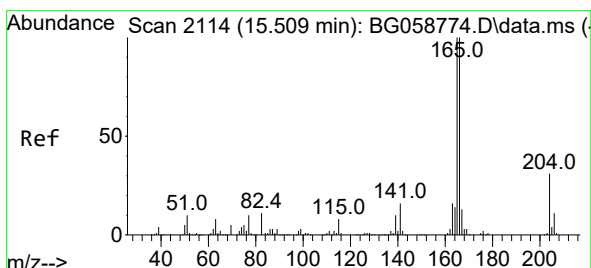
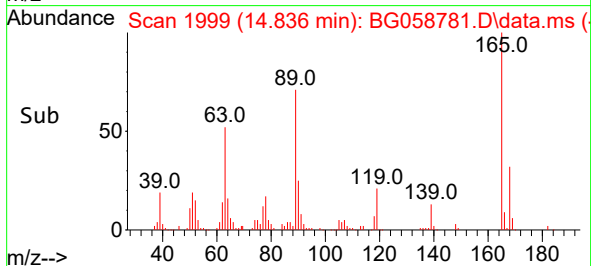
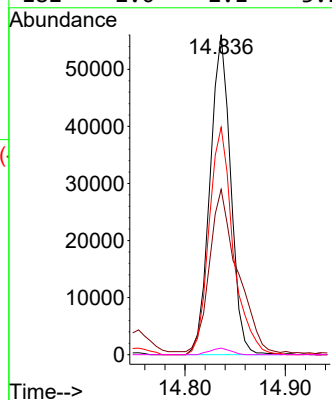
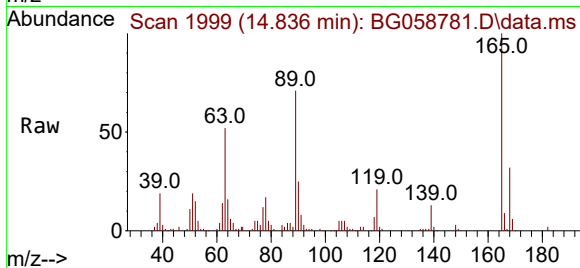




#57
2,4-Dinitrotoluene
Concen: 55.151 ng
RT: 14.836 min Scan# 1999
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

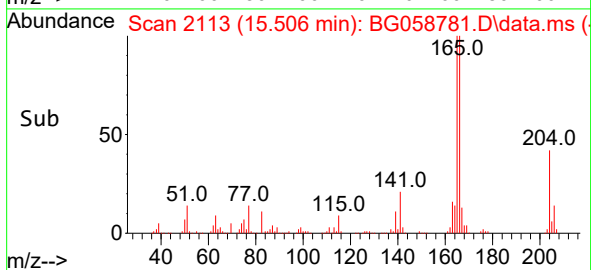
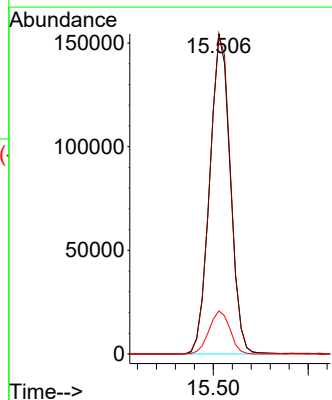
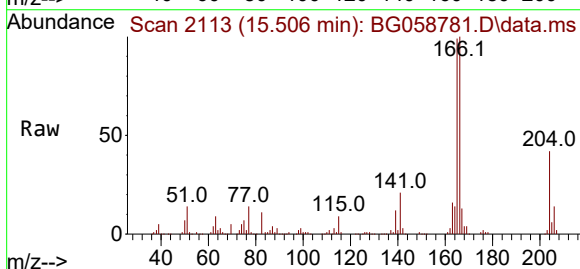
Instrument :
BNA_G
ClientSampleId :
PB154929BS

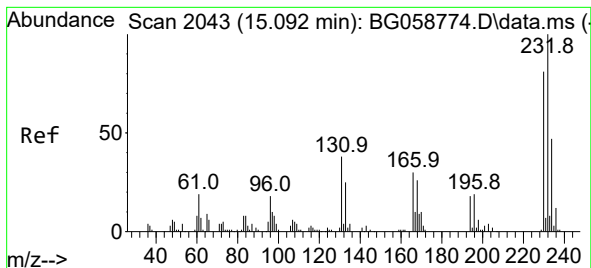
Tgt Ion:165 Resp: 80055
Ion Ratio Lower Upper
165 100
63 51.6 41.8 62.6
89 71.1 60.7 91.1
182 2.0 2.1 3.1#



#58
Fluorene
Concen: 50.782 ng
RT: 15.506 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:166 Resp: 232045
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 13.5 10.7 16.1

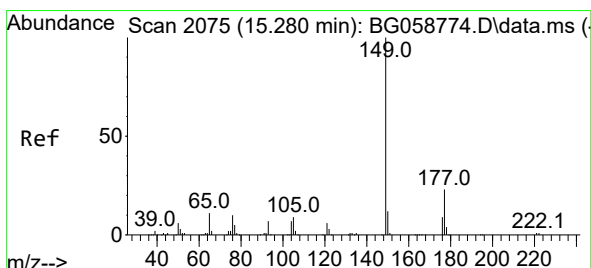
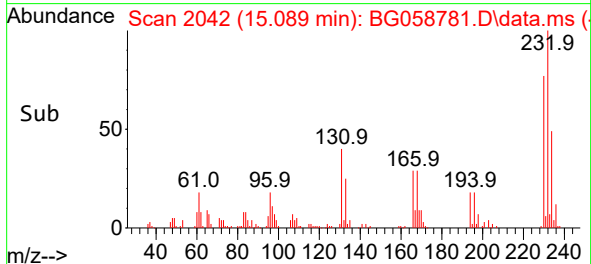
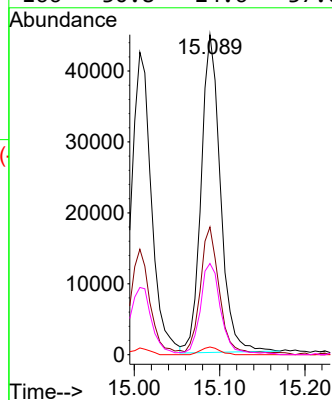
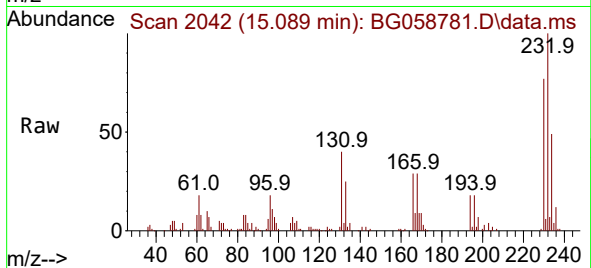




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.387 ng
RT: 15.089 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

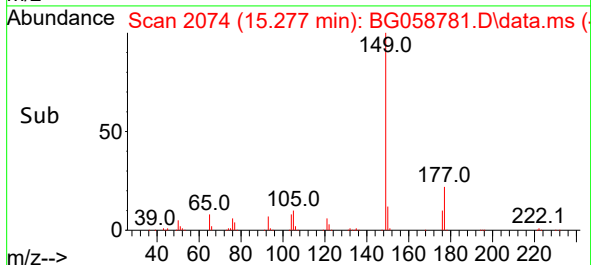
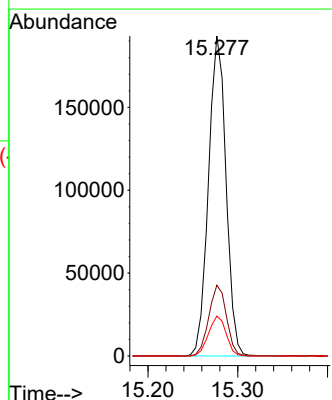
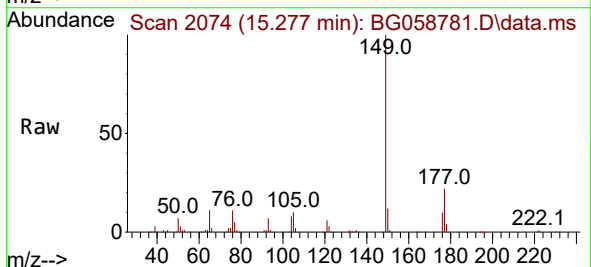
Instrument :
BNA_G
ClientSampleId :
PB154929BS

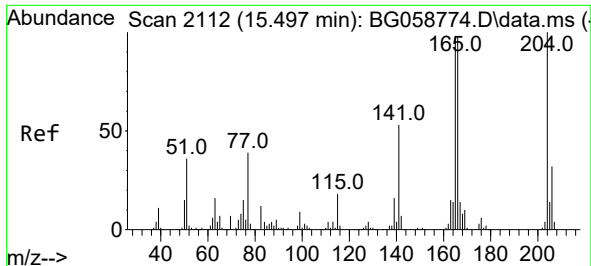
Tgt Ion:232 Resp: 70380
Ion Ratio Lower Upper
232 100
131 38.3 33.9 50.9
130 2.3 1.8 2.6
166 30.8 24.6 37.0



#60
Diethylphthalate
Concen: 51.190 ng
RT: 15.277 min Scan# 2074
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:149 Resp: 261453
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.5 10.0 15.0

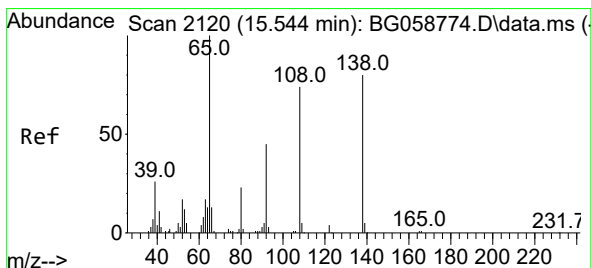
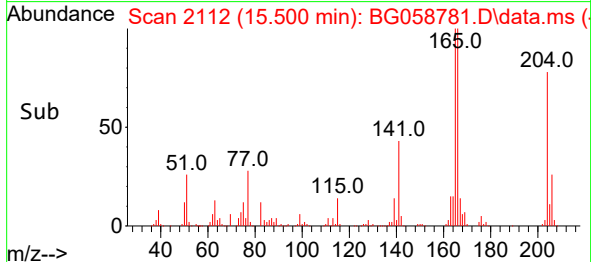
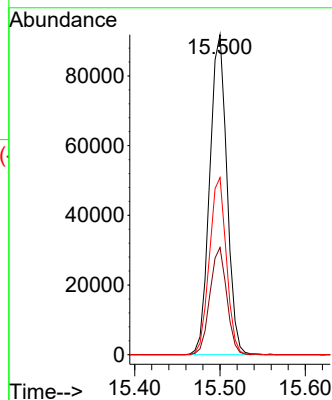
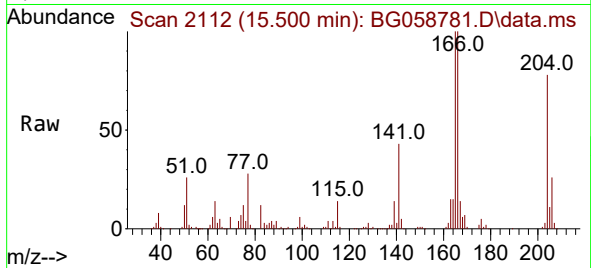




#61
4-Chlorophenyl-phenylether
Concen: 50.867 ng
RT: 15.500 min Scan# 2119
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

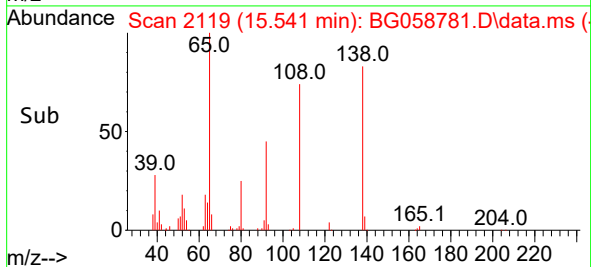
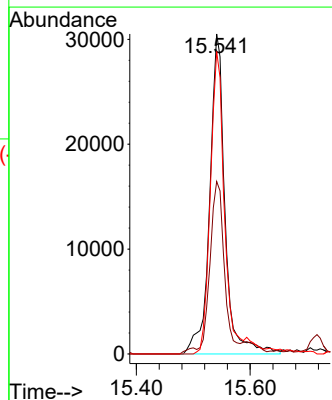
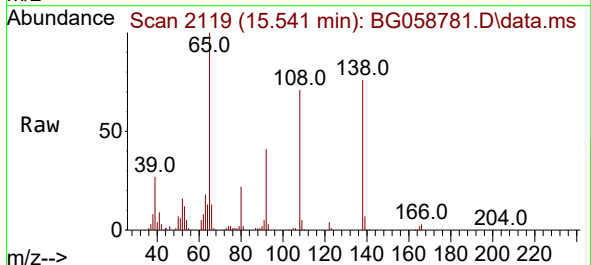
Instrument :
BNA_G
ClientSampleId :
PB154929BS

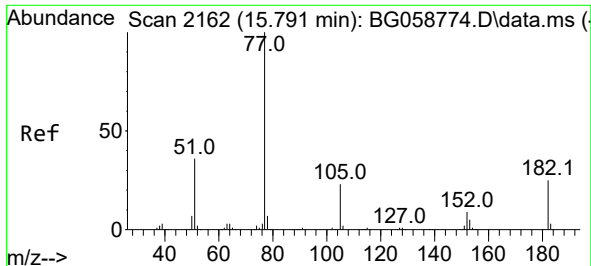
Tgt Ion:204 Resp: 128832
Ion Ratio Lower Upper
204 100
206 33.5 25.6 38.4
141 55.4 42.3 63.5



#62
4-Nitroaniline
Concen: 55.944 ng
RT: 15.541 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:138 Resp: 56987
Ion Ratio Lower Upper
138 100
92 53.9 36.4 76.4
108 94.5 72.2 112.2

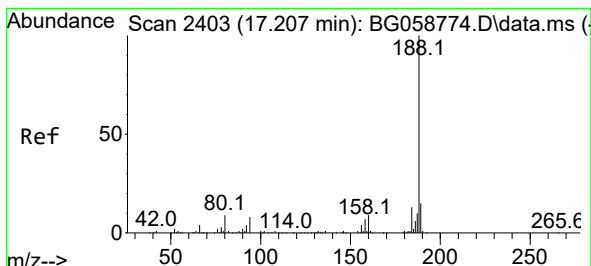
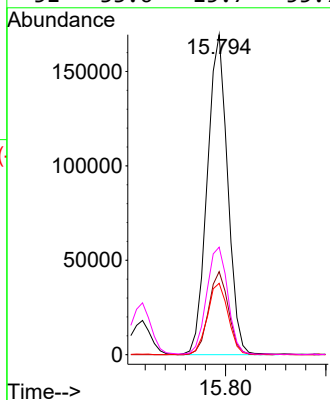
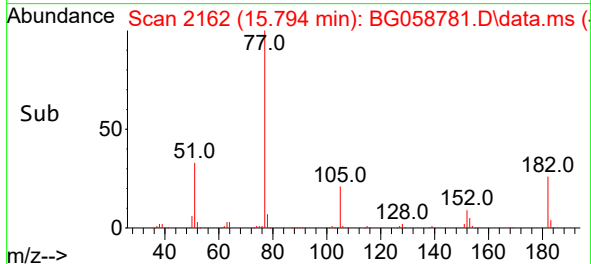
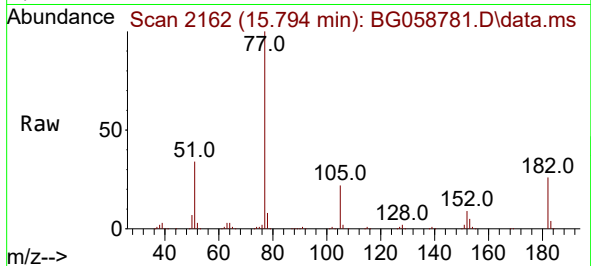




#63
Azobenzene
Concen: 51.067 ng
RT: 15.794 min Scan# 2162
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

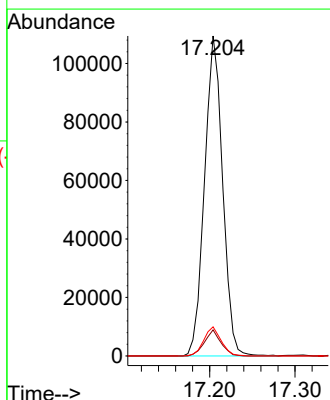
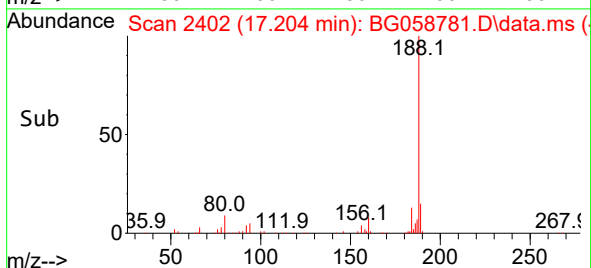
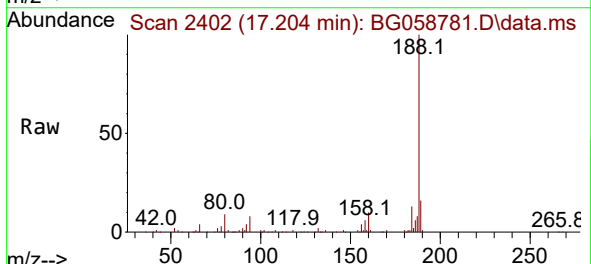
Instrument :
BNA_G
ClientSampleId :
PB154929BS

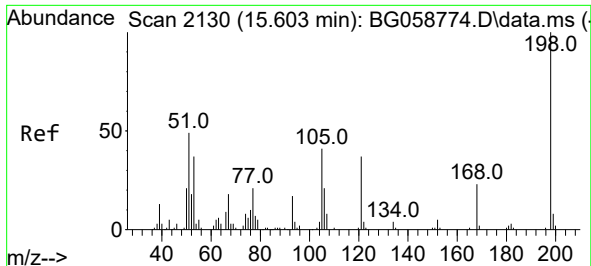
Tgt Ion: 77	Resp: 239495
Ion Ratio	Lower Upper
77 100	
182 26.0	4.9 44.9
105 22.3	2.8 42.8
51 33.6	15.7 55.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:188	Resp: 161305
Ion Ratio	Lower Upper
188 100	
94 8.2	6.1 9.1
80 9.1	6.9 10.3

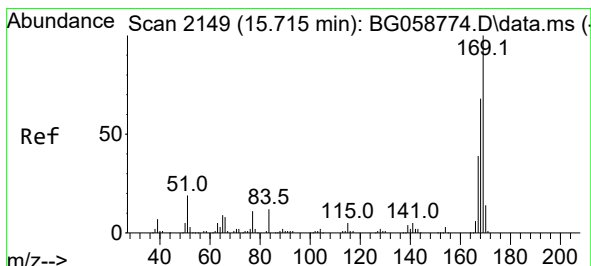
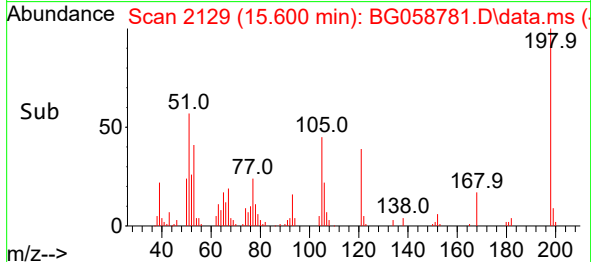
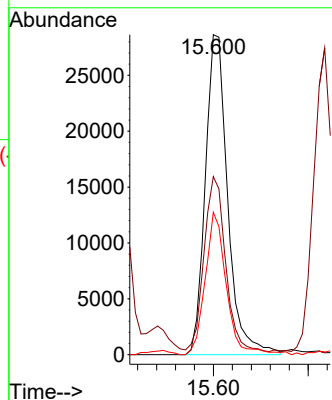
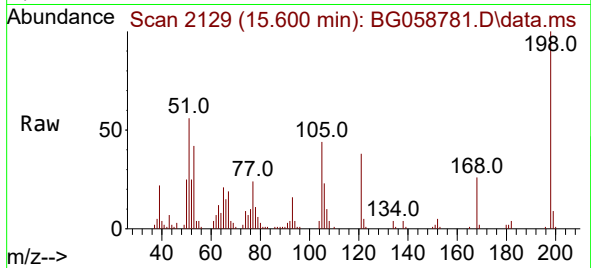




#65
4,6-Dinitro-2-methylphenol
Concen: 51.413 ng
RT: 15.600 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

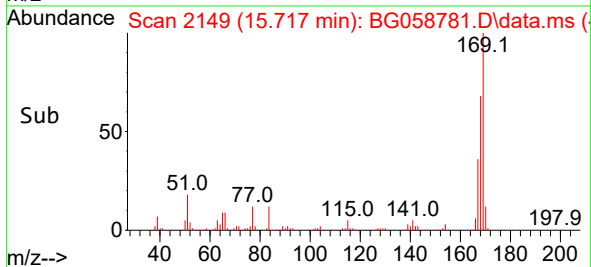
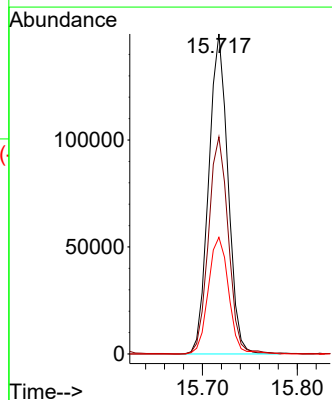
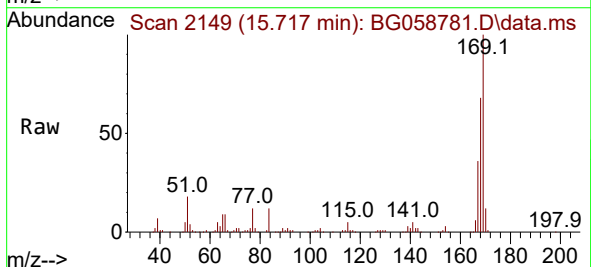
Instrument :
BNA_G
ClientSampleId :
PB154929BS

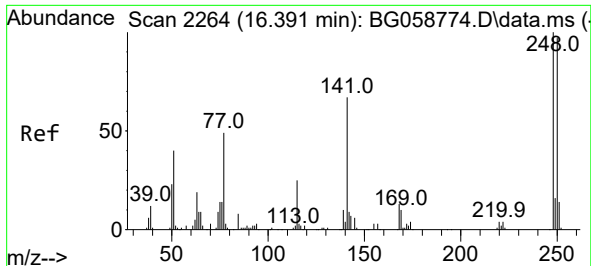
Tgt Ion:198 Resp: 46877
Ion Ratio Lower Upper
198 100
51 55.6 31.3 71.3
105 44.5 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 50.786 ng
RT: 15.717 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:169 Resp: 211139
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 36.4 31.4 47.0

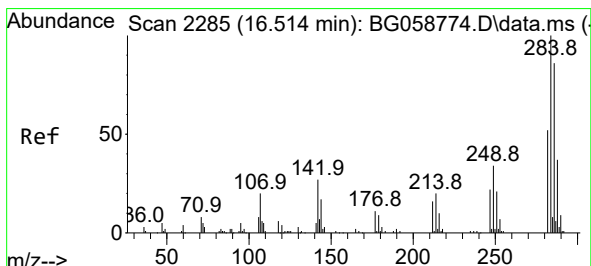
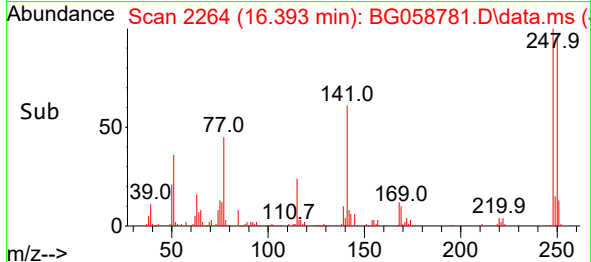
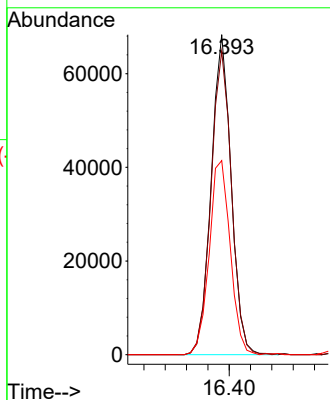
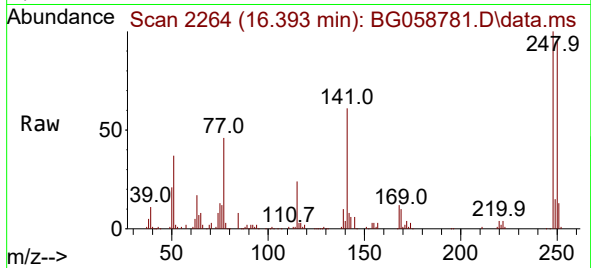




#67
4-Bromophenyl-phenylether
Concen: 50.016 ng
RT: 16.393 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

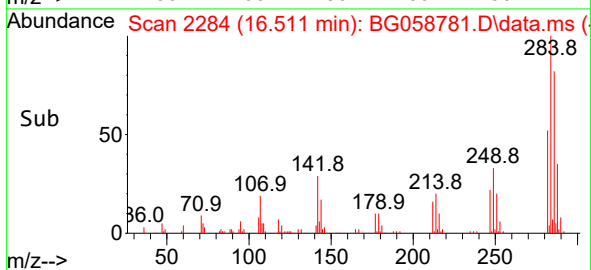
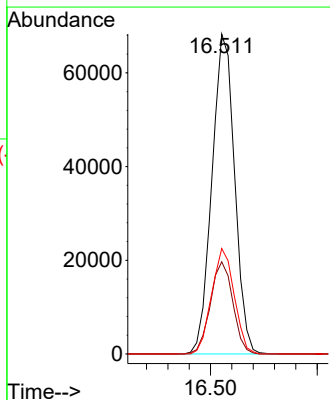
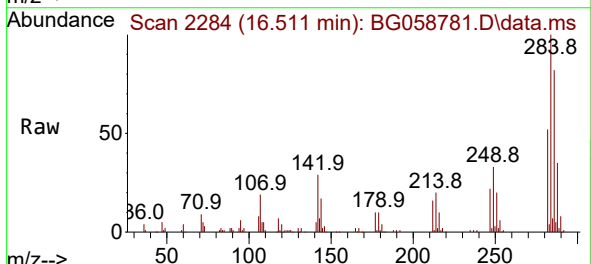
Instrument :
BNA_G
ClientSampleId :
PB154929BS

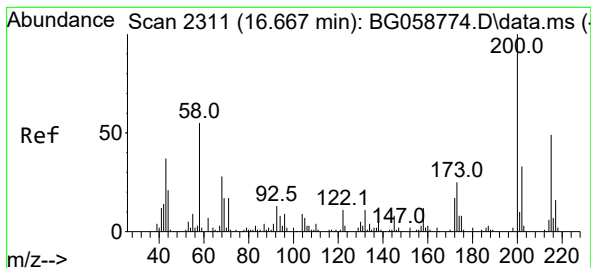
Tgt Ion:248 Resp: 88532
Ion Ratio Lower Upper
248 100
250 94.9 77.7 116.5
141 60.6 53.6 80.4



#68
Hexachlorobenzene
Concen: 52.793 ng
RT: 16.511 min Scan# 2284
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:284 Resp: 100575
Ion Ratio Lower Upper
284 100
142 28.8 22.0 33.0
249 33.0 27.2 40.8





#69

Atrazine

Concen: 61.873 ng

RT: 16.669 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

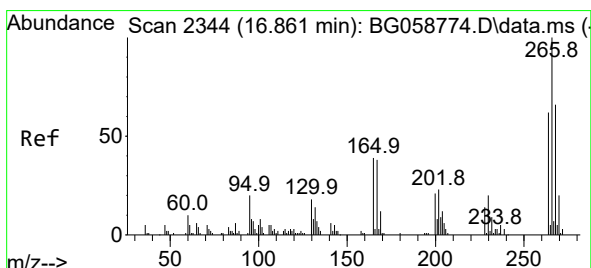
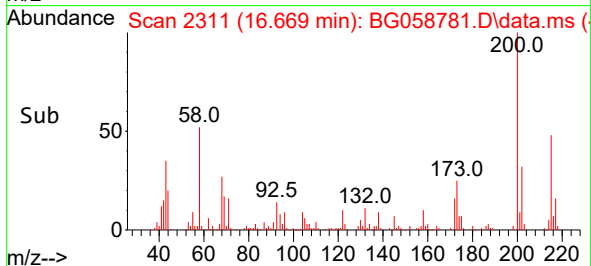
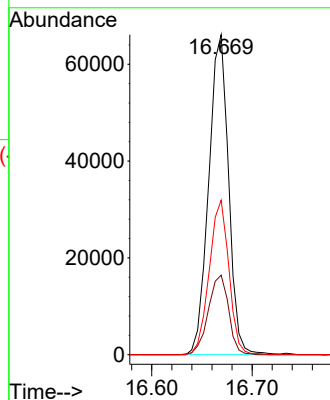
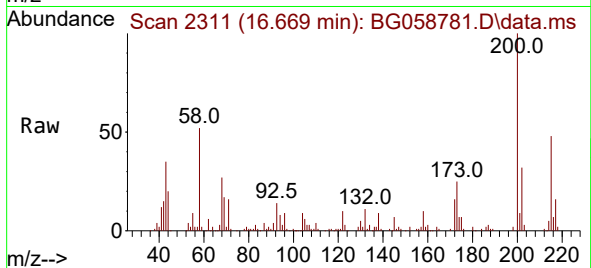
Tgt Ion:200 Resp: 91035

Ion Ratio Lower Upper

200 100

173 24.8 5.3 45.3

215 48.3 29.4 69.4



#70

Pentachlorophenol

Concen: 94.907 ng

RT: 16.863 min Scan# 2344

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

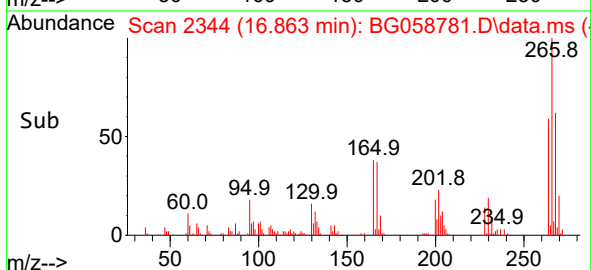
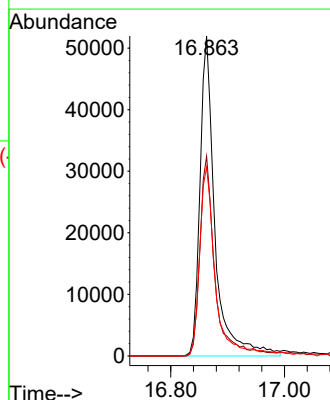
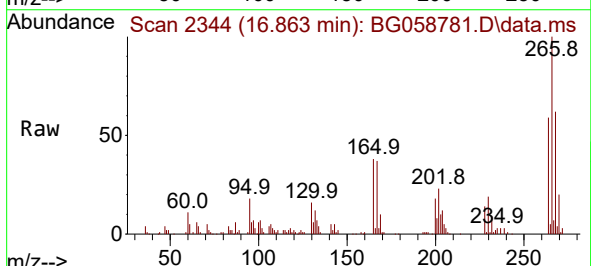
Tgt Ion:266 Resp: 94808

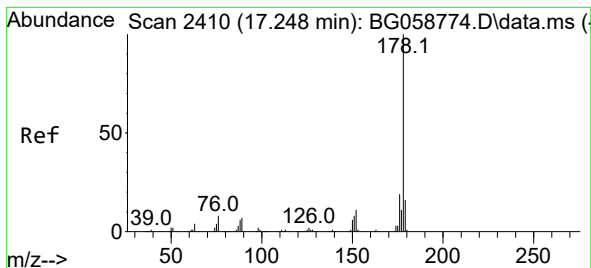
Ion Ratio Lower Upper

266 100

268 62.4 52.7 79.1

264 59.0 49.5 74.3





#71

Phenanthrene

Concen: 51.547 ng

RT: 17.245 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

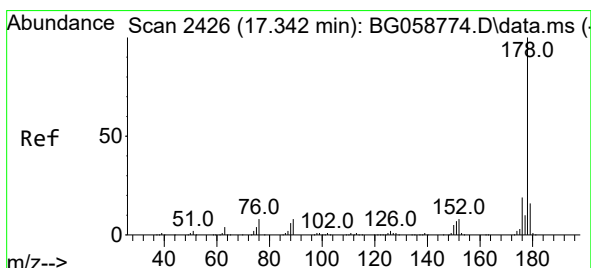
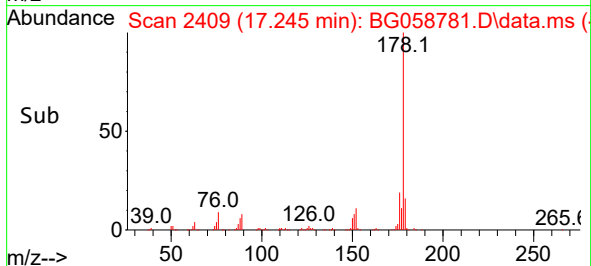
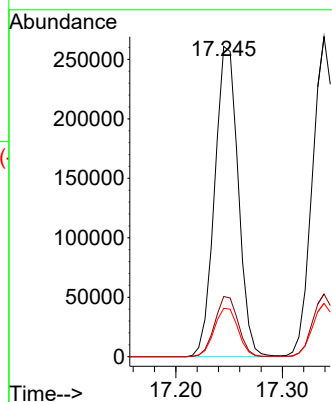
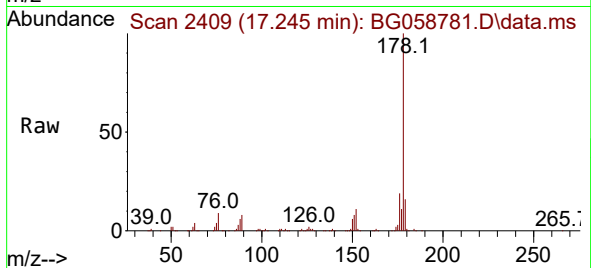
Tgt Ion:178 Resp: 399169

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.6 13.0 19.4



#72

Anthracene

Concen: 52.064 ng

RT: 17.339 min Scan# 2425

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

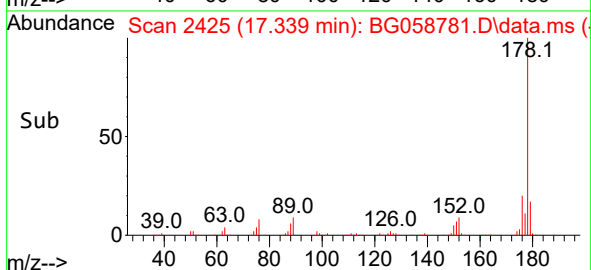
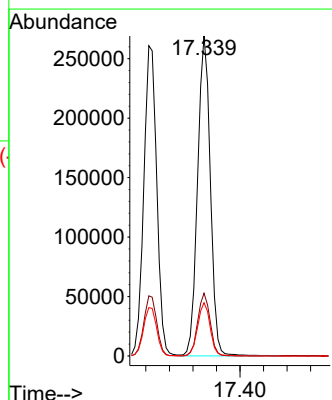
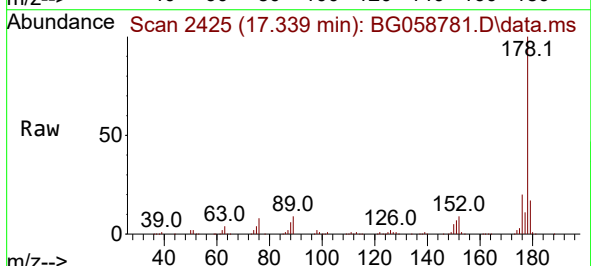
Tgt Ion:178 Resp: 404361

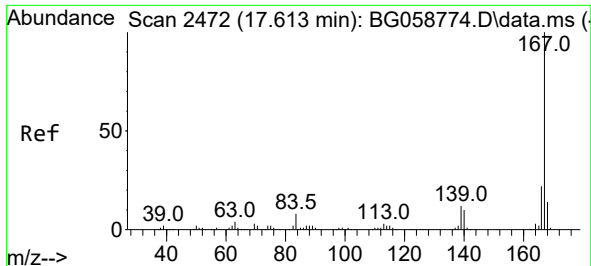
Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

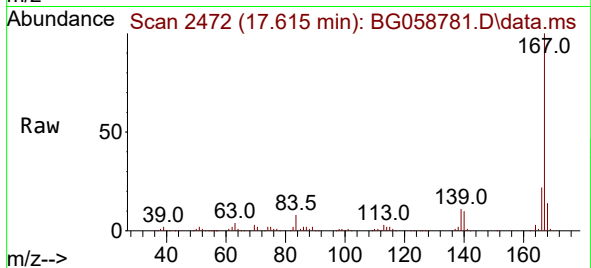
179 16.6 12.9 19.3



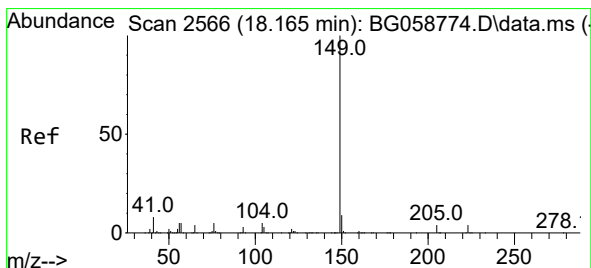
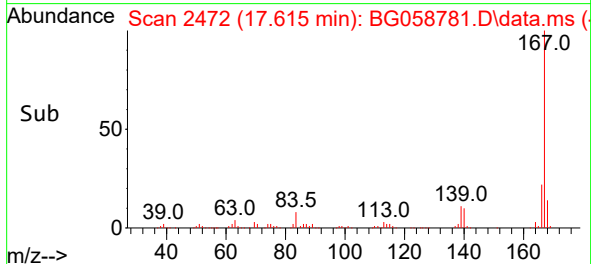
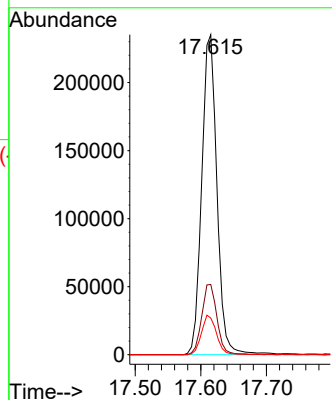


#73
Carbazole
Concen: 53.312 ng
RT: 17.615 min Scan# 2472
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB154929BS

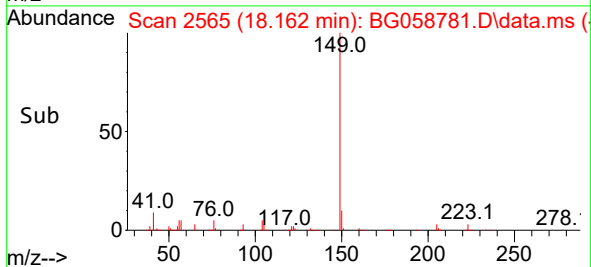
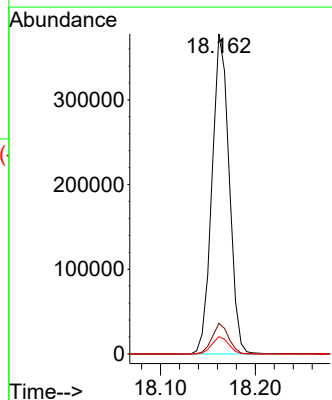
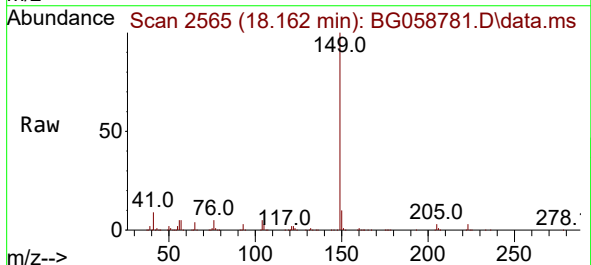


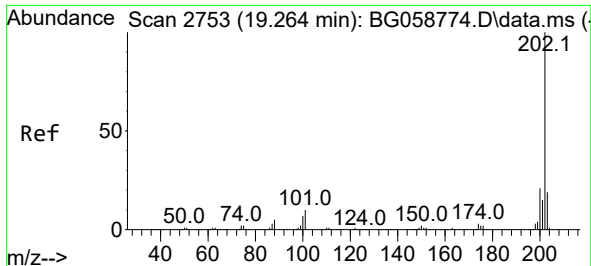
Tgt Ion:167 Resp: 379164
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 11.4 9.7 14.5



#74
Di-n-butylphthalate
Concen: 52.780 ng
RT: 18.162 min Scan# 2565
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

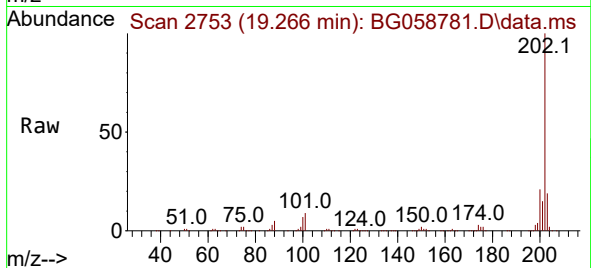
Tgt Ion:149 Resp: 473543
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 5.4 4.3 6.5



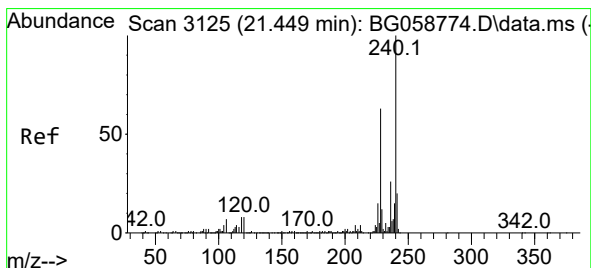
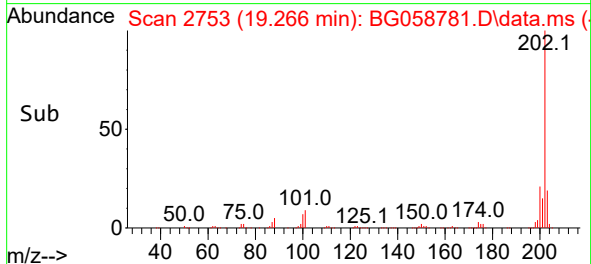
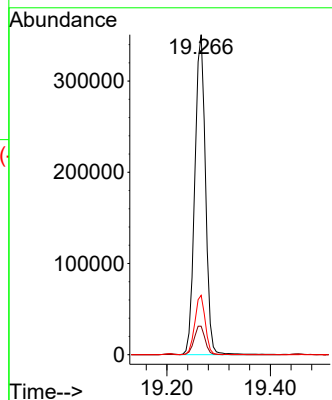


#75
Fluoranthene
Concen: 52.187 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Instrument :
BNA_G
ClientSampleId :
PB154929BS

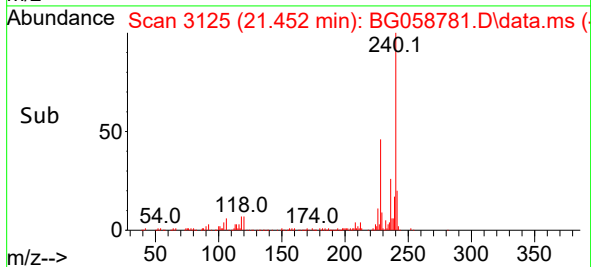
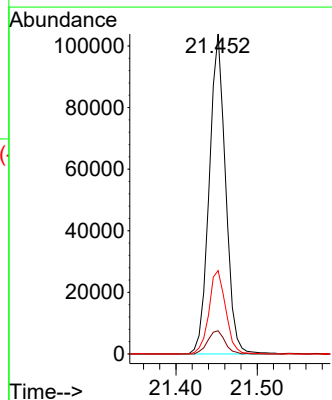
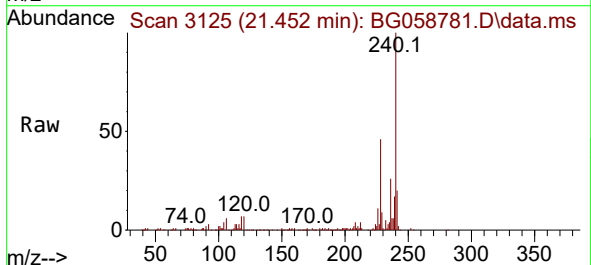


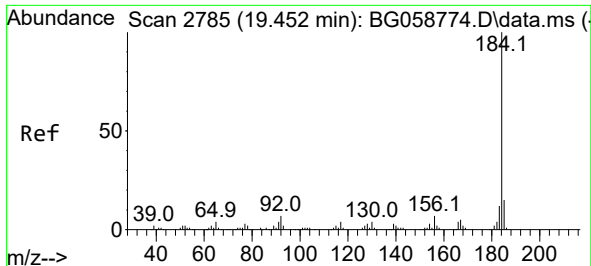
Tgt Ion:202 Resp: 501155
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.7
203 18.5 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.452 min Scan# 3125
Delta R.T. 0.002 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:240 Resp: 144948
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.2
236 26.0 20.5 30.7

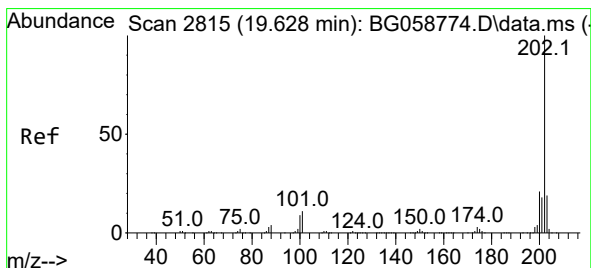
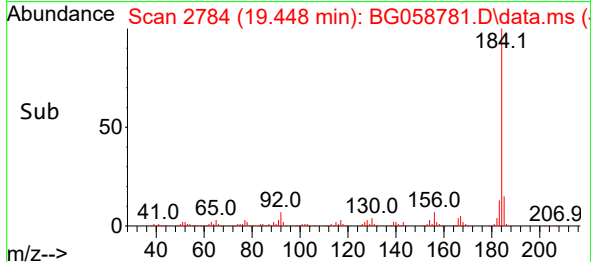
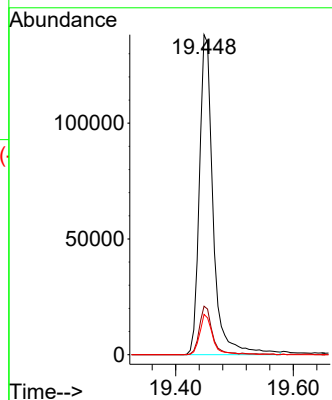
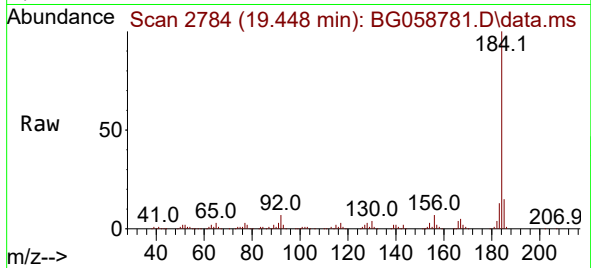




#77
Benzidine
Concen: 86.397 ng
RT: 19.448 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

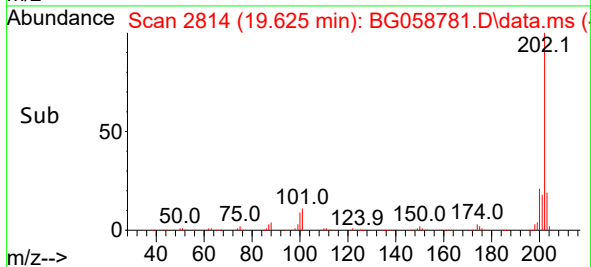
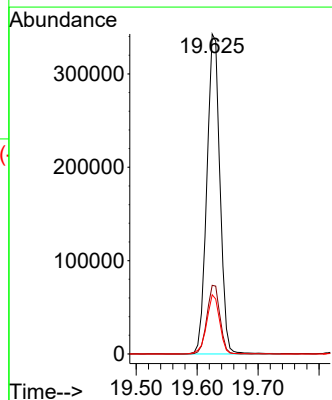
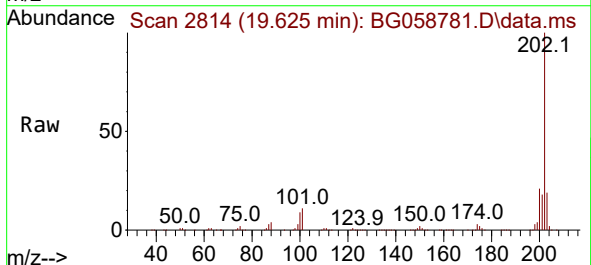
Instrument :
BNA_G
ClientSampleId :
PB154929BS

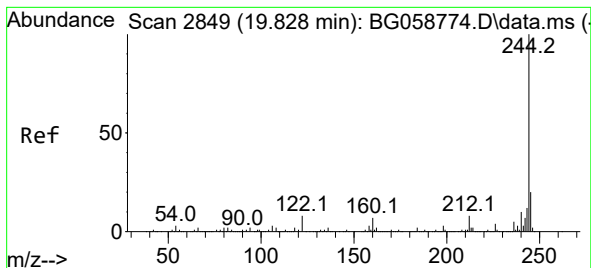
Tgt Ion:184 Resp: 224436
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 12.6 10.0 15.0



#78
Pyrene
Concen: 50.635 ng
RT: 19.625 min Scan# 2814
Delta R.T. -0.003 min
Lab File: BG058781.D
Acq: 18 Aug 2023 18:10

Tgt Ion:202 Resp: 511392
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.5 15.3 22.9





#79

Terphenyl-d14

Concen: 101.568 ng

RT: 19.824 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058781.D

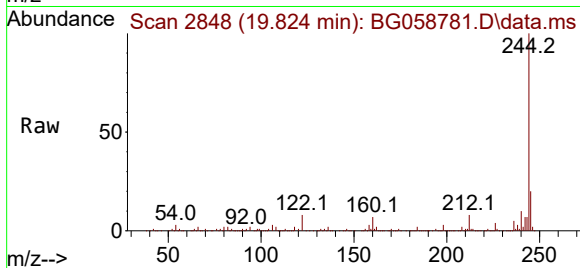
Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS



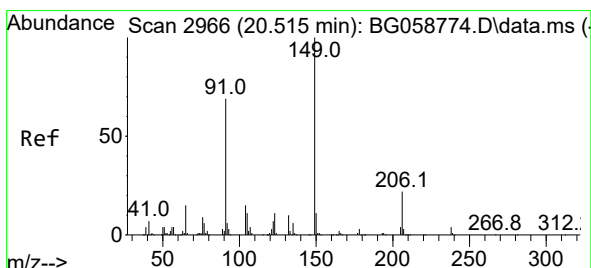
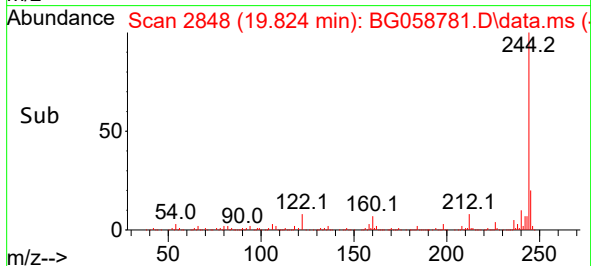
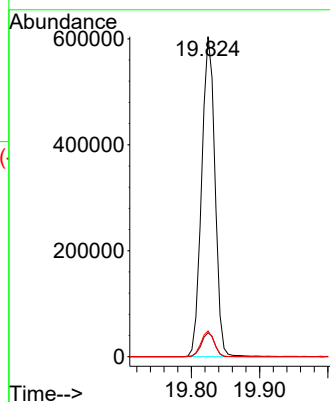
Tgt Ion:244 Resp: 819899

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 8.0 6.3 9.5



#80

Butylbenzylphthalate

Concen: 51.981 ng

RT: 20.512 min Scan# 2965

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

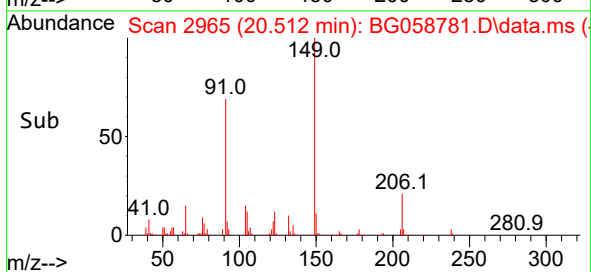
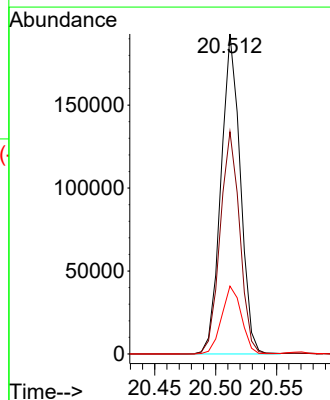
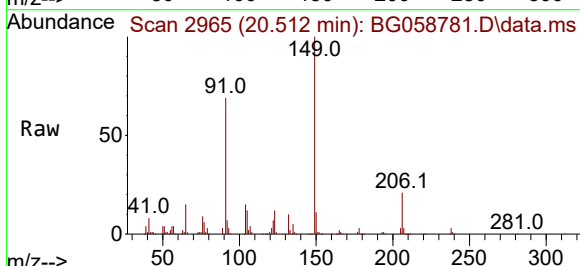
Tgt Ion:149 Resp: 212914

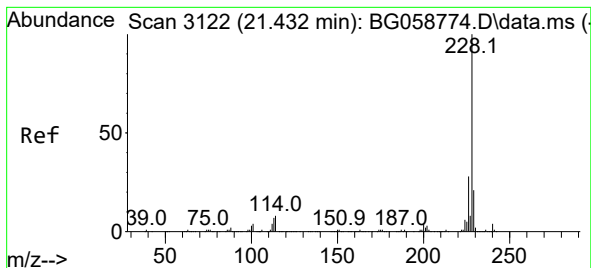
Ion Ratio Lower Upper

149 100

91 69.5 55.0 82.4

206 21.2 17.6 26.4





#81

Benzo(a)anthracene

Concen: 51.790 ng

RT: 21.434 min Scan# 3122

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

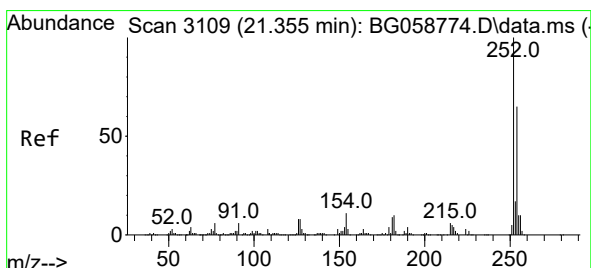
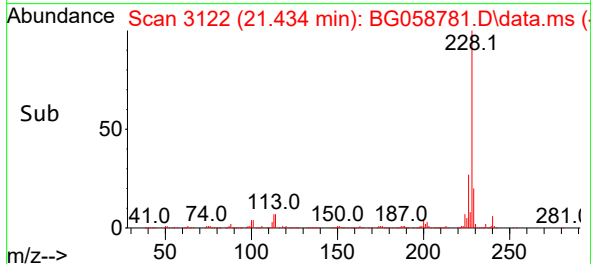
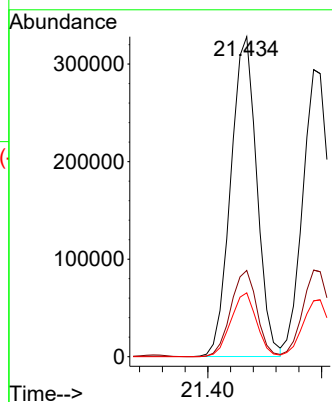
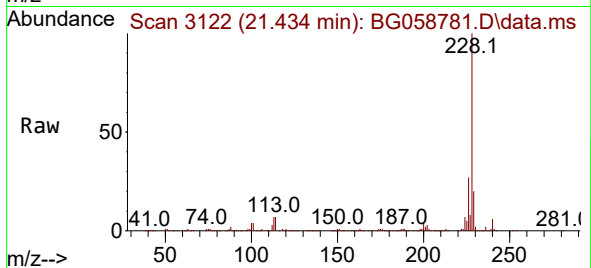
Tgt Ion:228 Resp: 522546

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

229 20.0 16.8 25.2



#82

3,3'-Dichlorobenzidine

Concen: 42.445 ng

RT: 21.352 min Scan# 3108

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

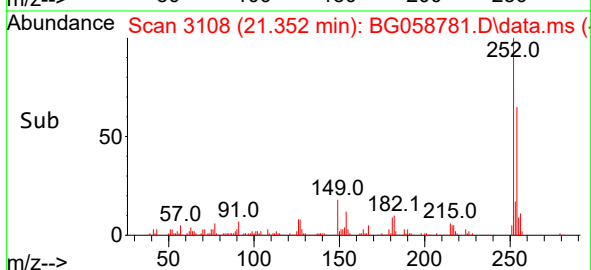
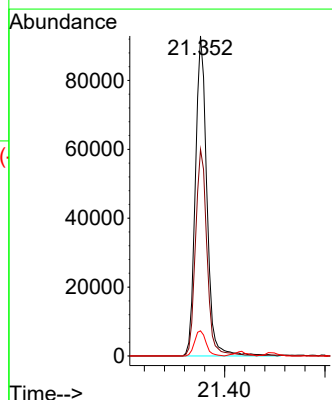
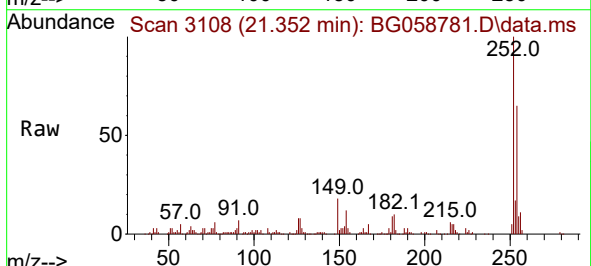
Tgt Ion:252 Resp: 147854

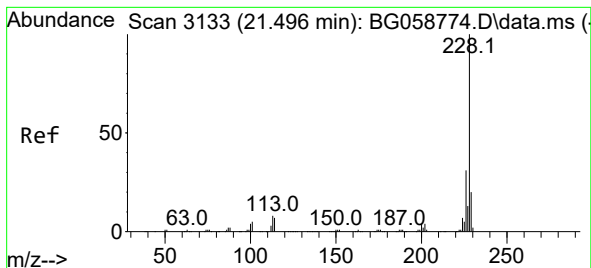
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 7.9 6.6 9.8





#83

Chrysene

Concen: 49.711 ng

RT: 21.493 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

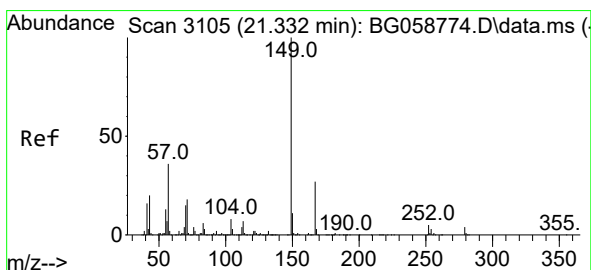
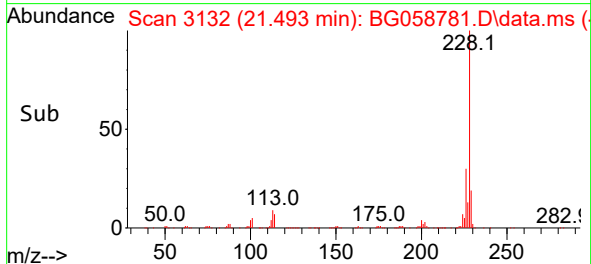
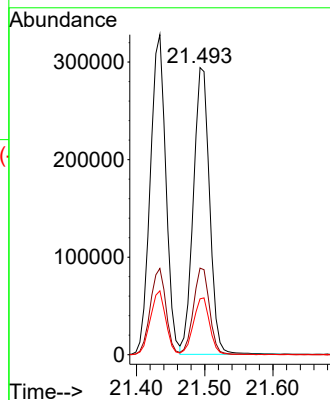
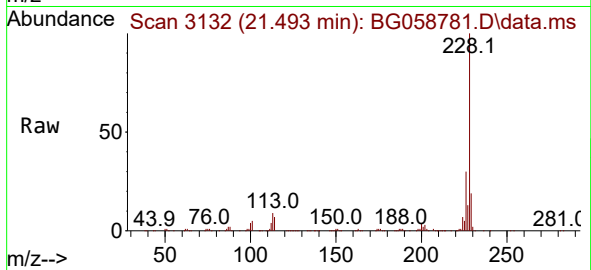
Tgt Ion:228 Resp: 483458

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.361 ng

RT: 21.334 min Scan# 3105

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

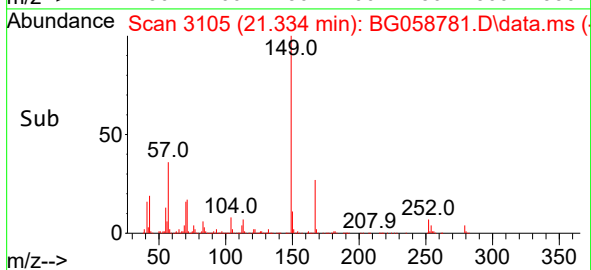
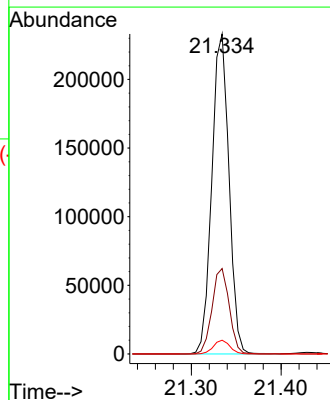
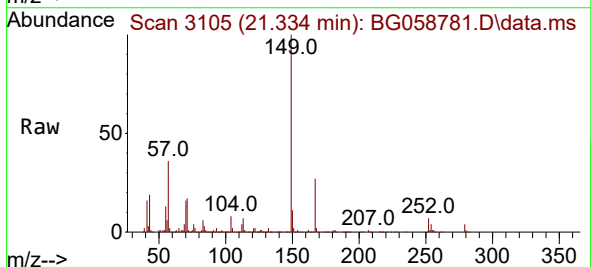
Tgt Ion:149 Resp: 308553

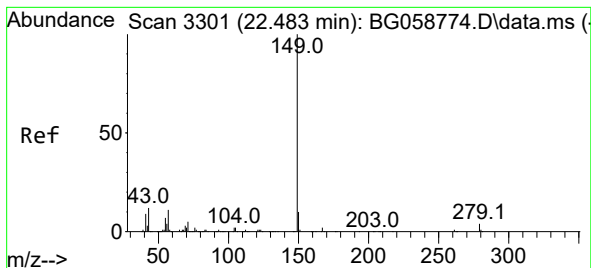
Ion Ratio Lower Upper

149 100

167 26.7 21.7 32.5

279 4.3 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.096 ng

RT: 22.480 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

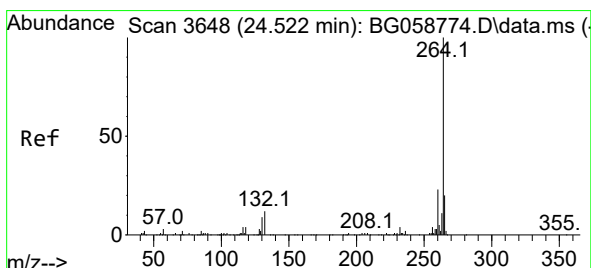
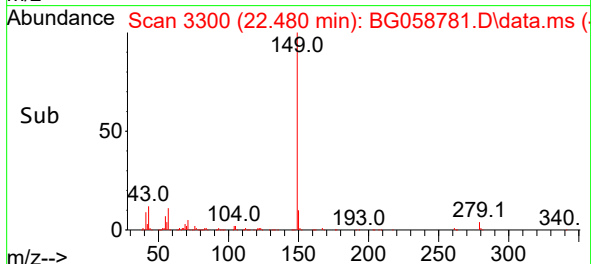
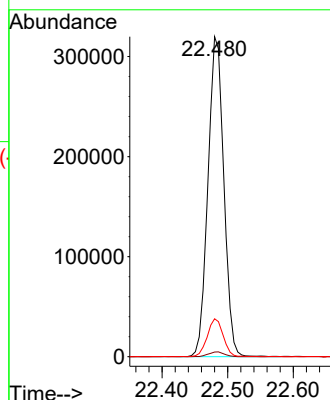
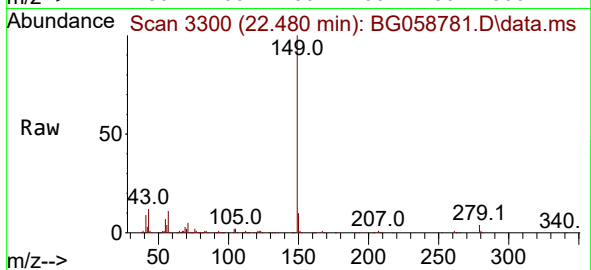
Tgt Ion:149 Resp: 538296

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.9 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.525 min Scan# 3648

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

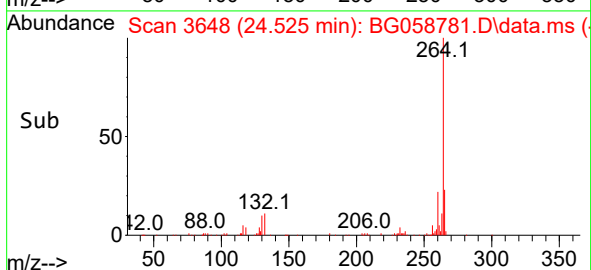
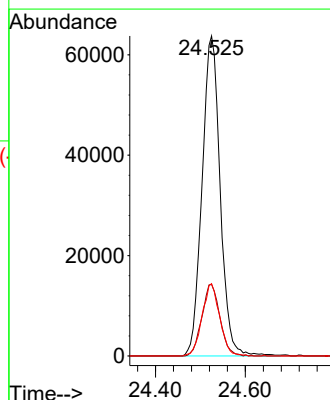
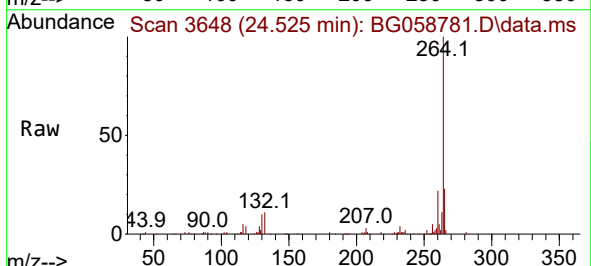
Tgt Ion:264 Resp: 178405

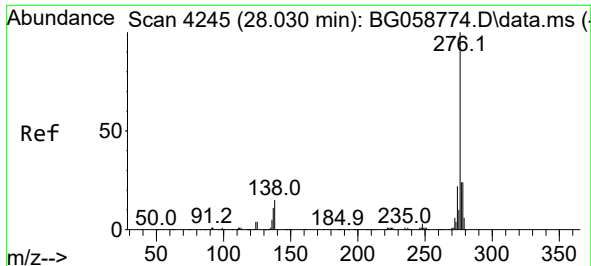
Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 22.6 16.4 24.6

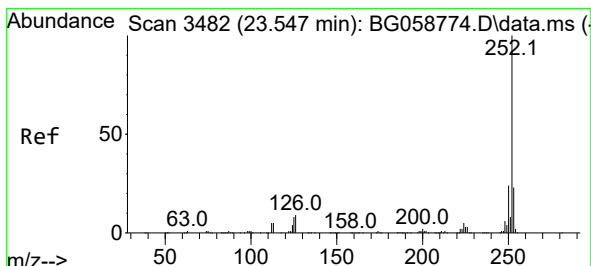
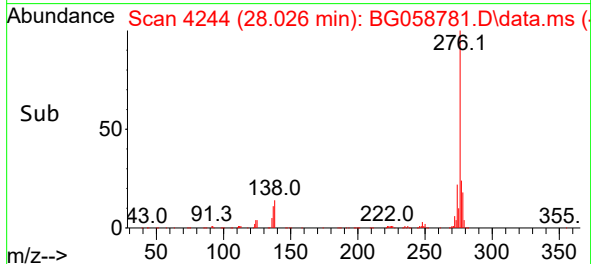
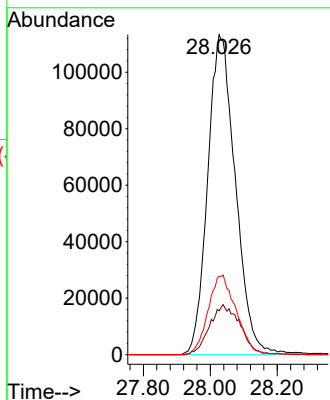
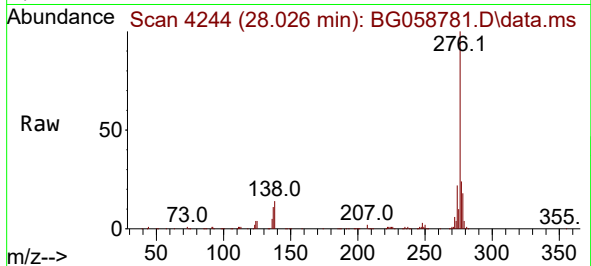




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.796 ng
 RT: 28.026 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

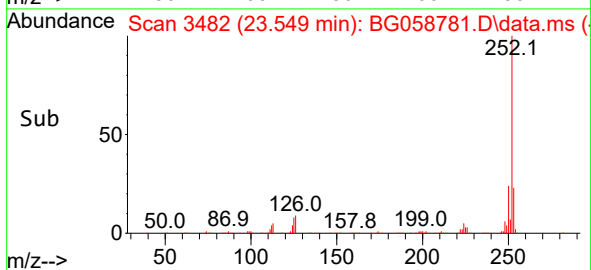
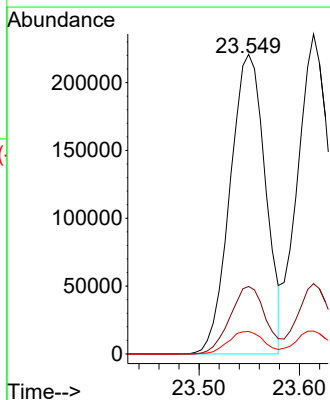
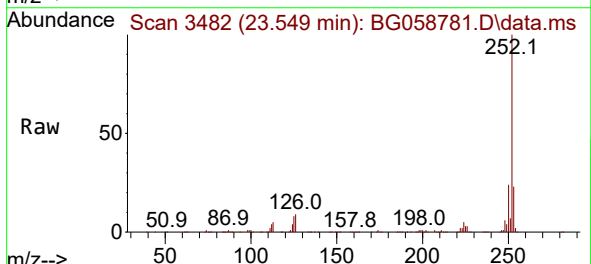
Instrument :
 BNA_G
 ClientSampleId :
 PB154929BS

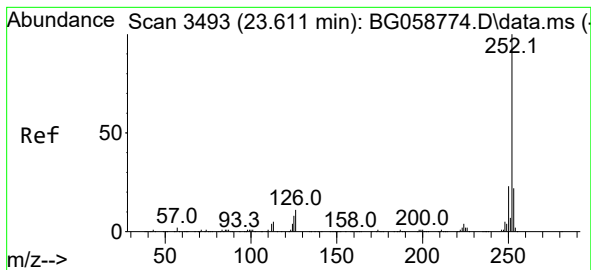
Tgt Ion:276 Resp: 649338
 Ion Ratio Lower Upper
 276 100
 138 17.1 6.2 9.2#
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 54.650 ng
 RT: 23.549 min Scan# 3482
 Delta R.T. 0.002 min
 Lab File: BG058781.D
 Acq: 18 Aug 2023 18:10

Tgt Ion:252 Resp: 540972
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.4 27.6
 125 7.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 52.330 ng

RT: 23.614 min Scan# 3493

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

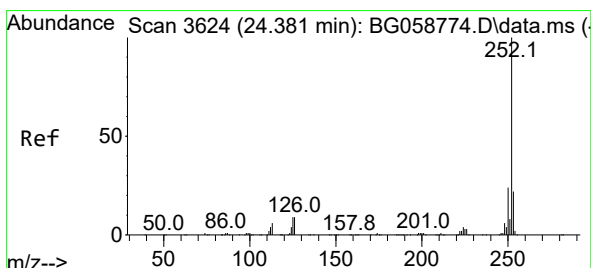
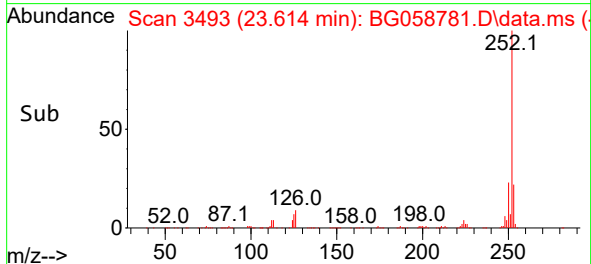
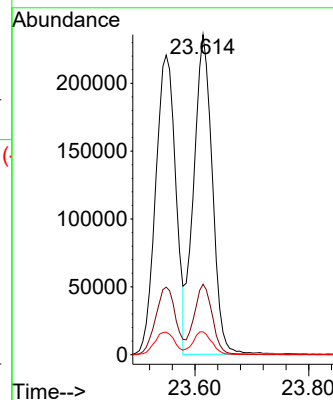
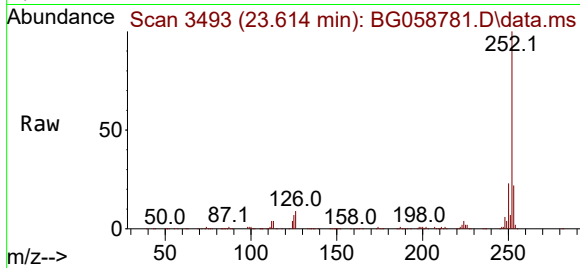
Tgt Ion:252 Resp: 534215

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 7.1 6.3 9.5



#90

Benzo(a)pyrene

Concen: 49.933 ng

RT: 24.384 min Scan# 3624

Delta R.T. 0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

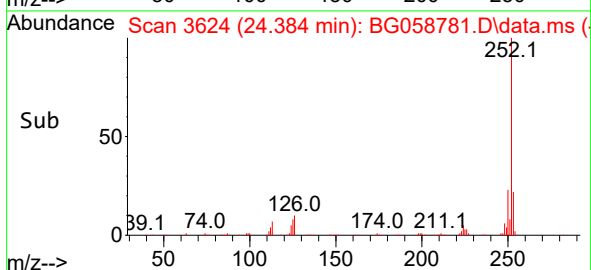
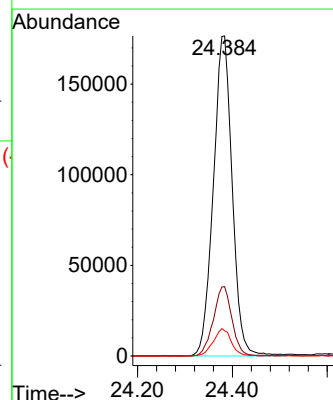
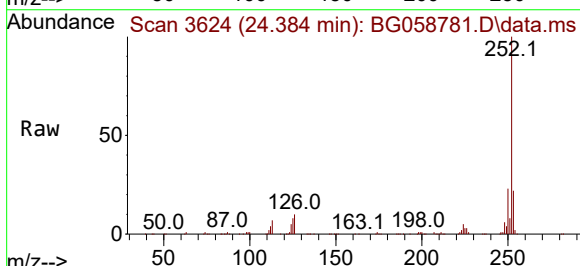
Tgt Ion:252 Resp: 486689

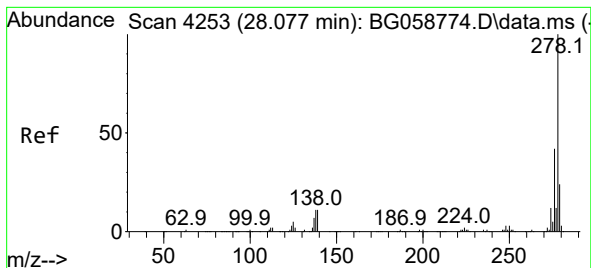
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 7.9 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 54.567 ng

RT: 28.079 min Scan# 41

Delta R.T. 0.003 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Instrument :

BNA_G

ClientSampleId :

PB154929BS

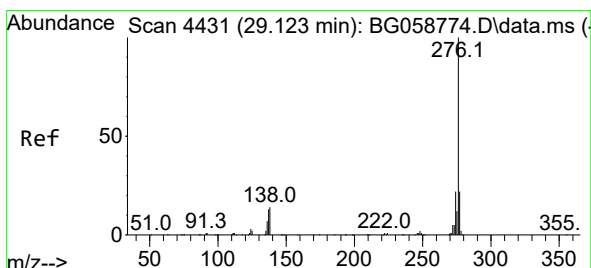
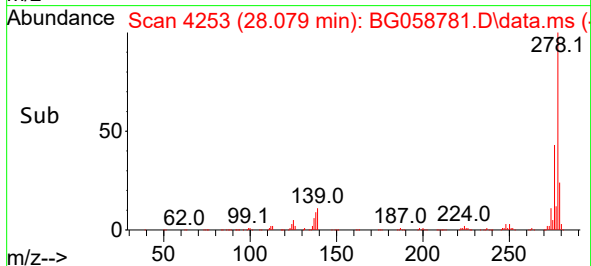
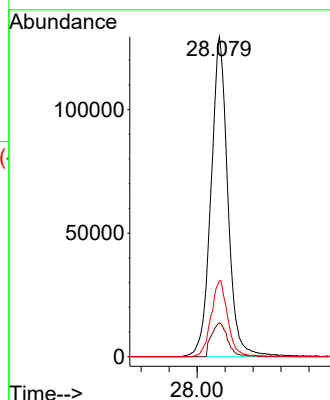
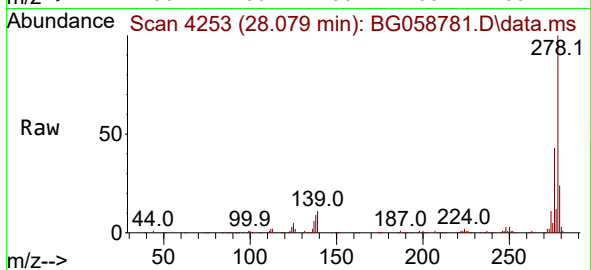
Tgt Ion:278 Resp: 541213

Ion Ratio Lower Upper

278 100

139 10.6 8.9 13.3

279 23.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 53.046 ng

RT: 29.125 min Scan# 4431

Delta R.T. 0.002 min

Lab File: BG058781.D

Acq: 18 Aug 2023 18:10

Tgt Ion:276 Resp: 526033

Ion Ratio Lower Upper

276 100

277 23.9 17.8 26.6

138 14.6 11.1 16.7

